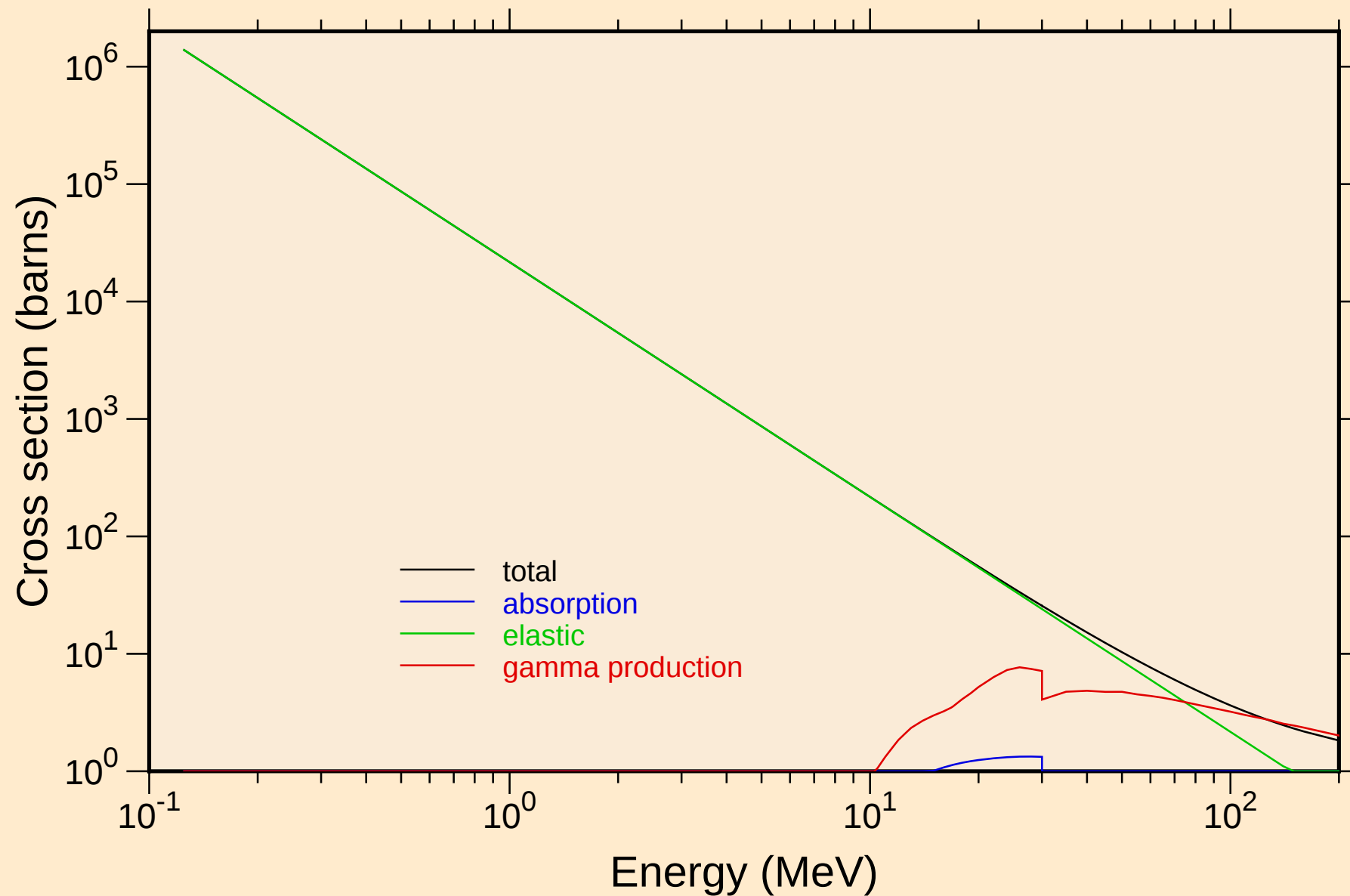
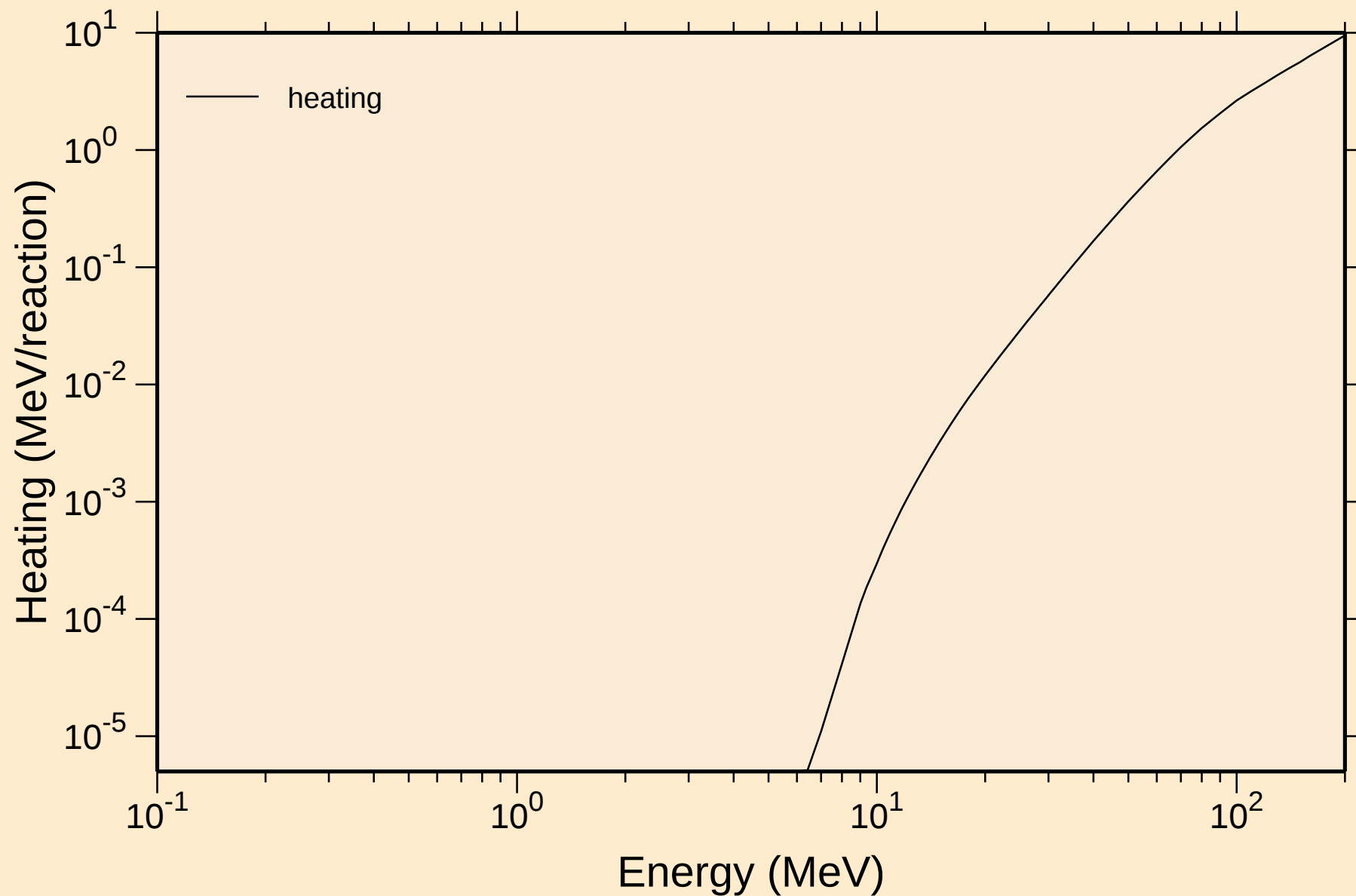


PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
Principal cross sections



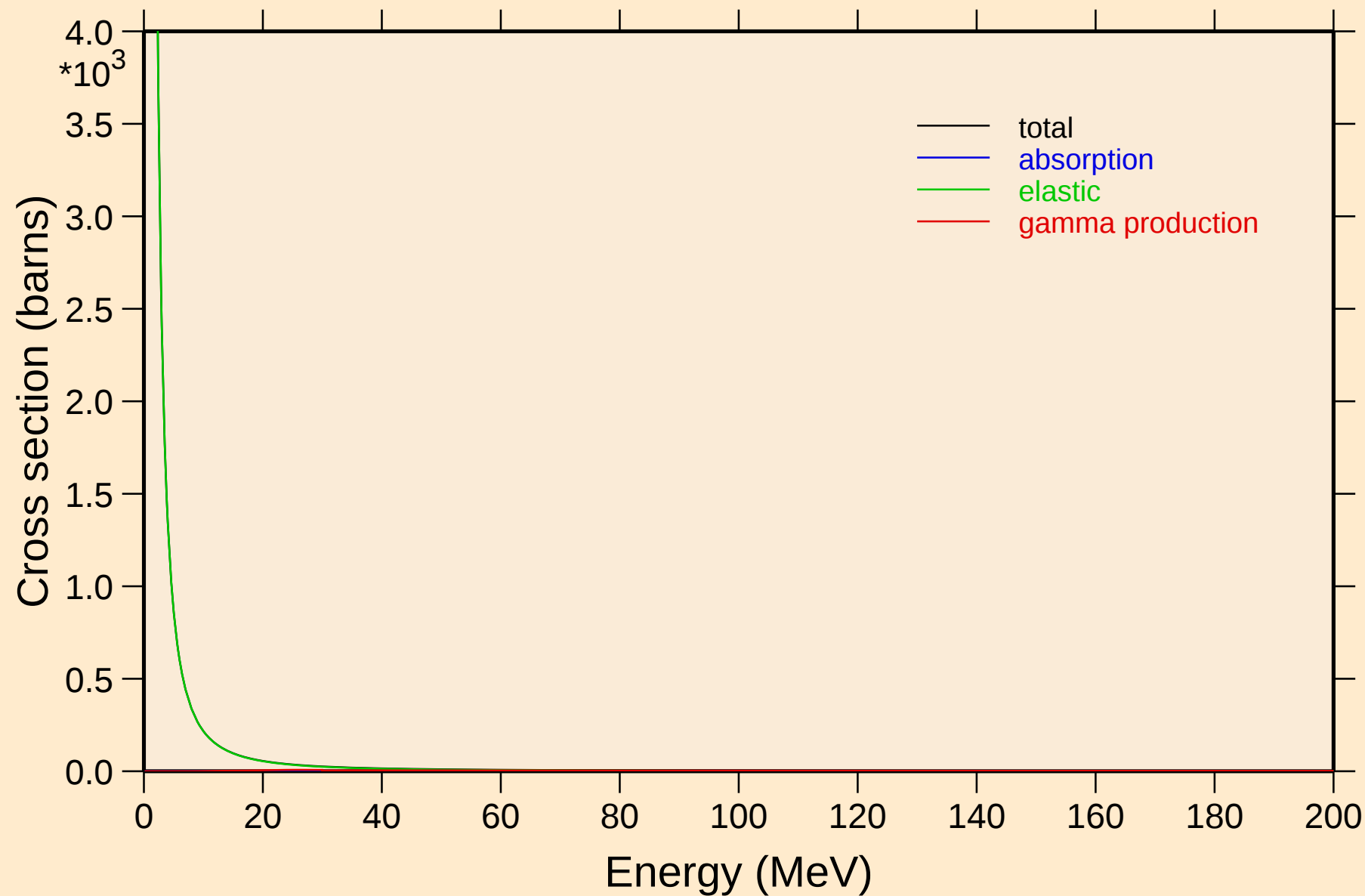
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



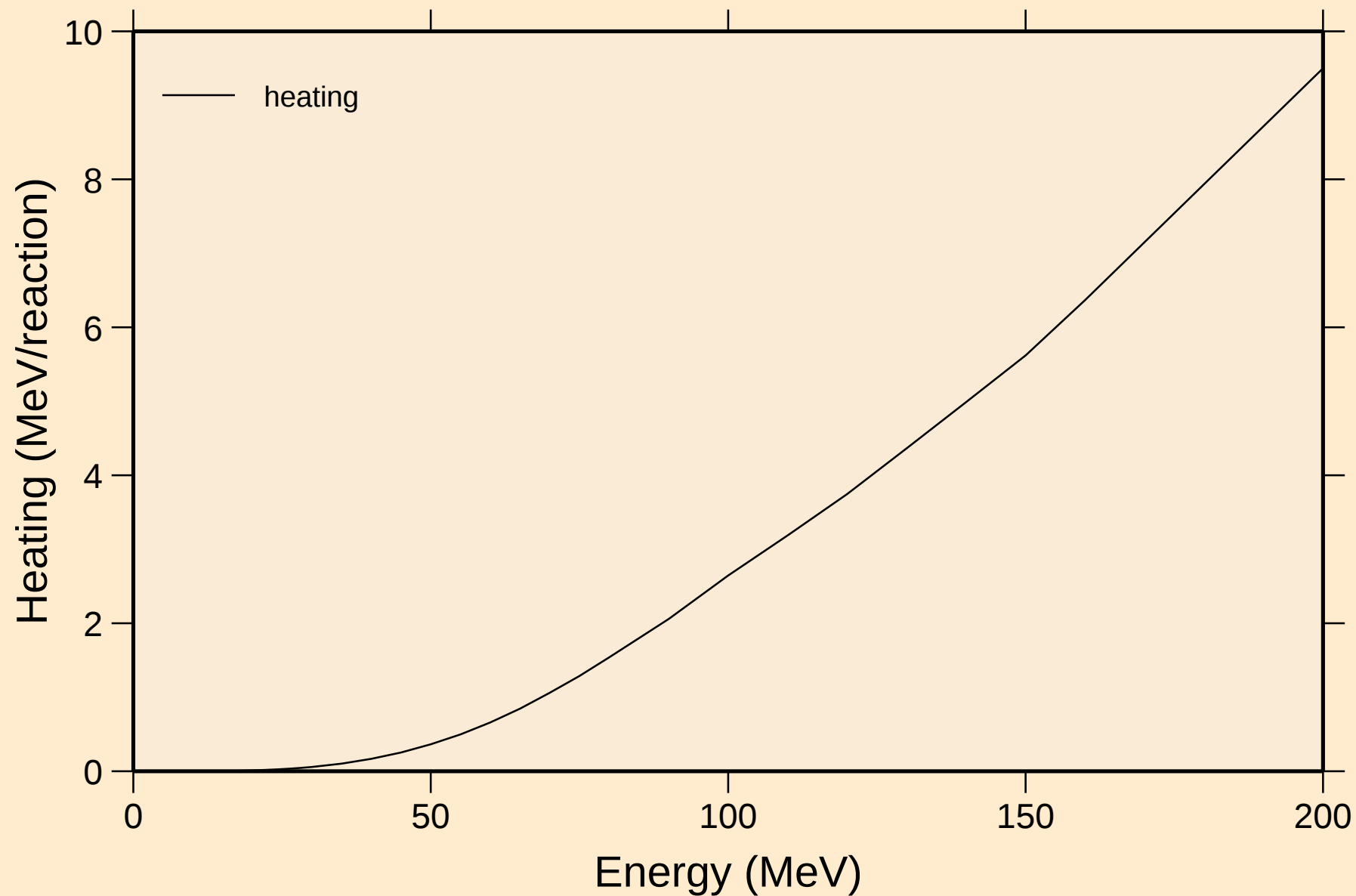
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



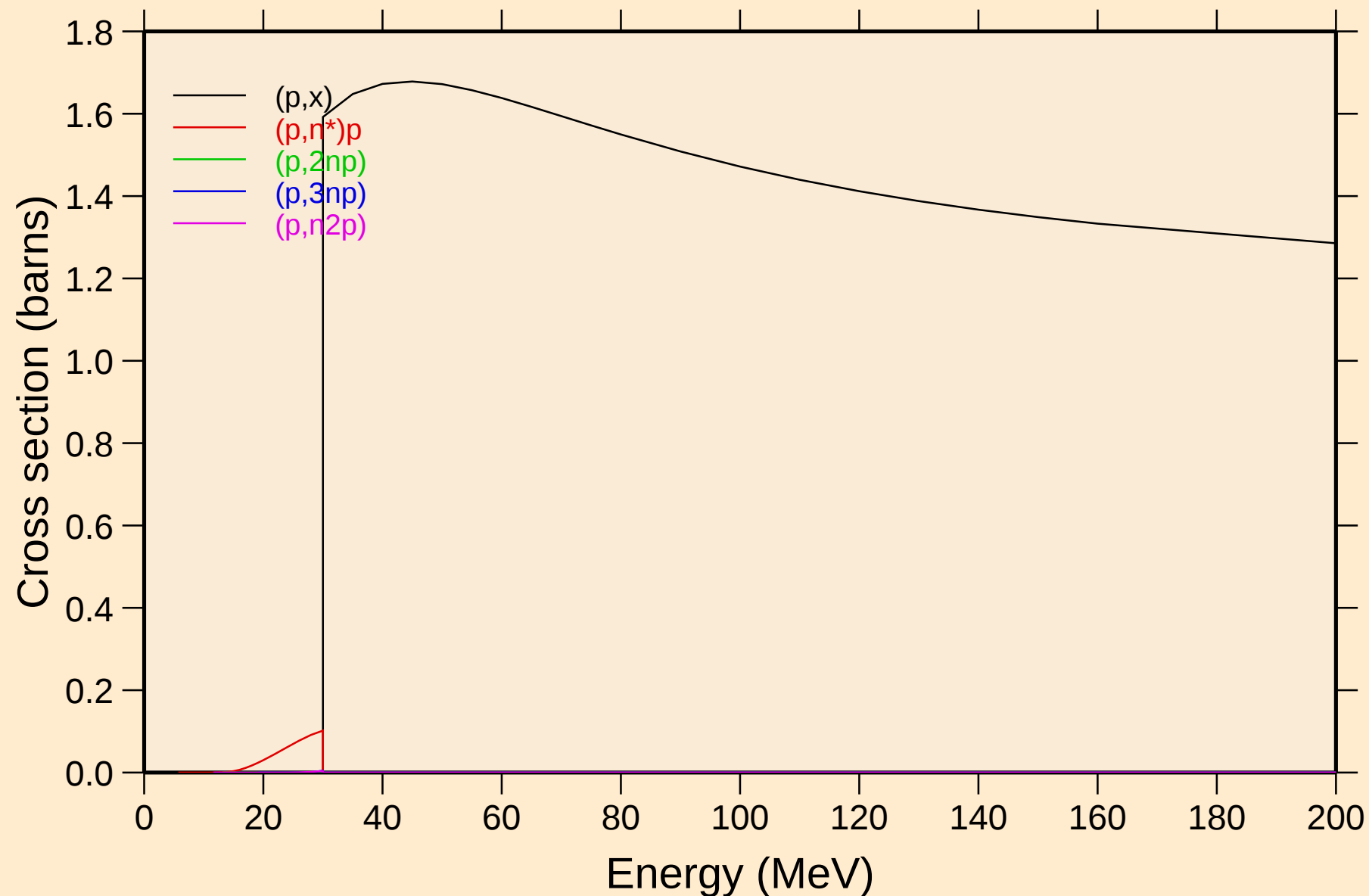
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating

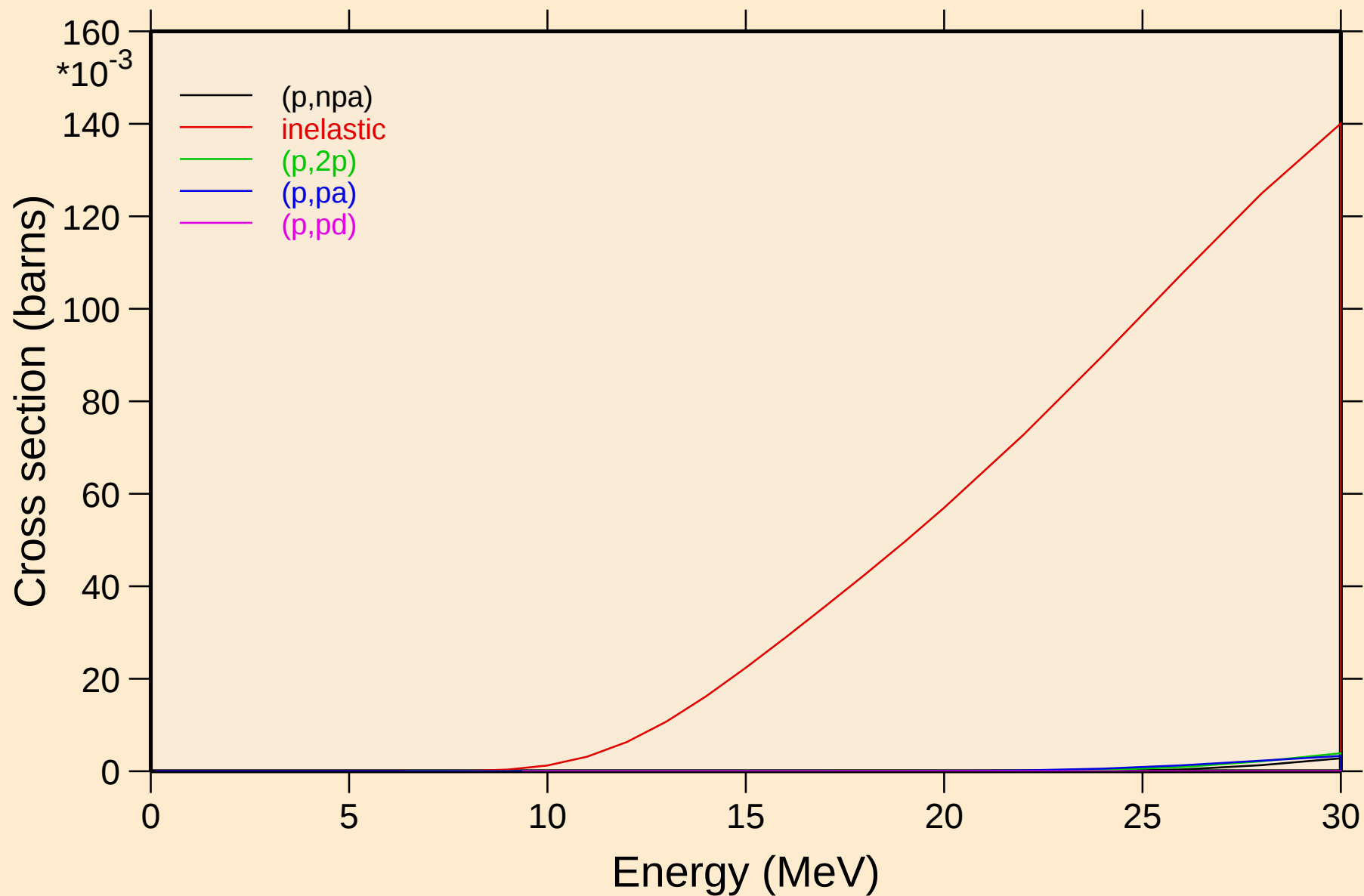


PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

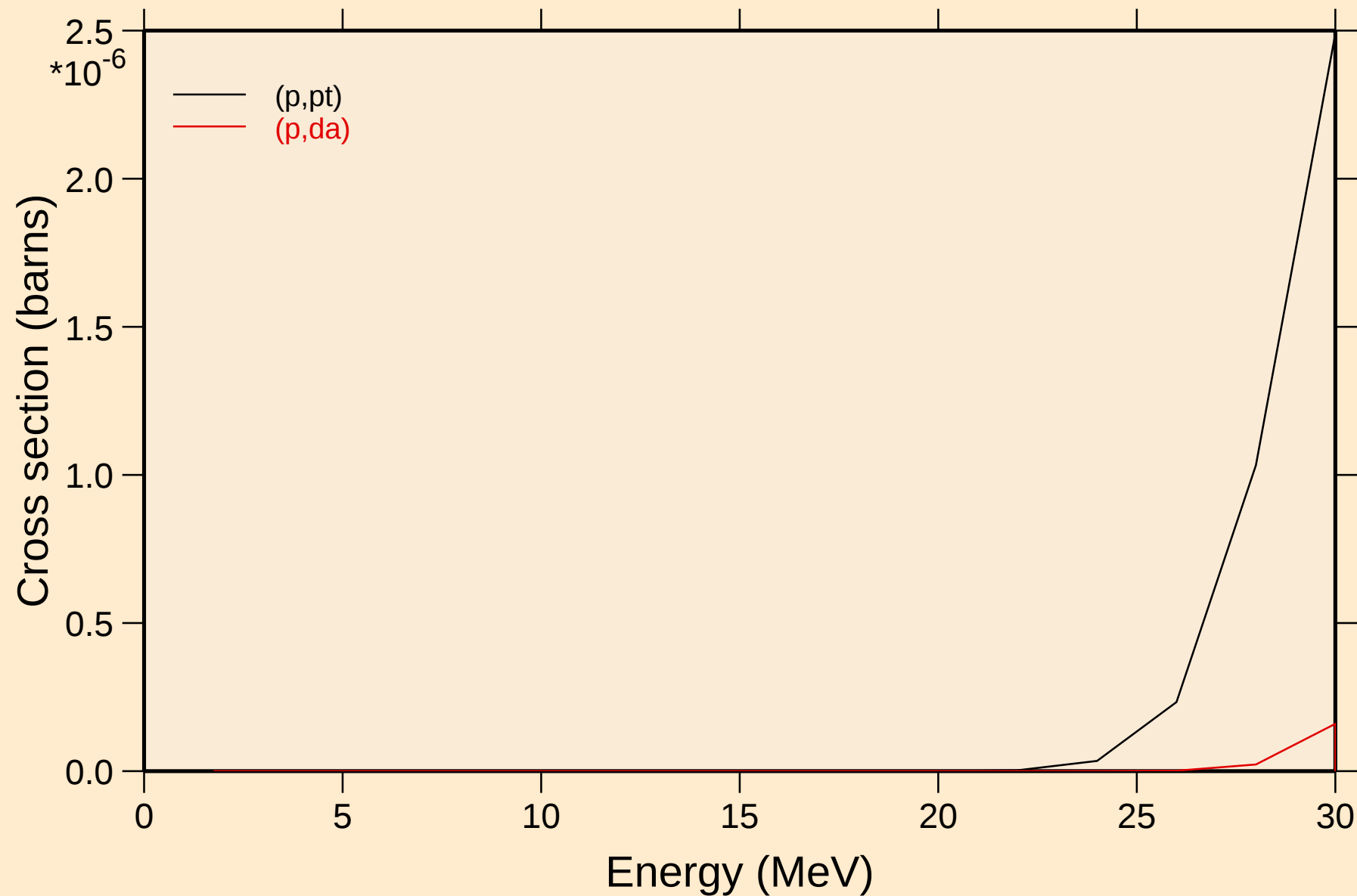


PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

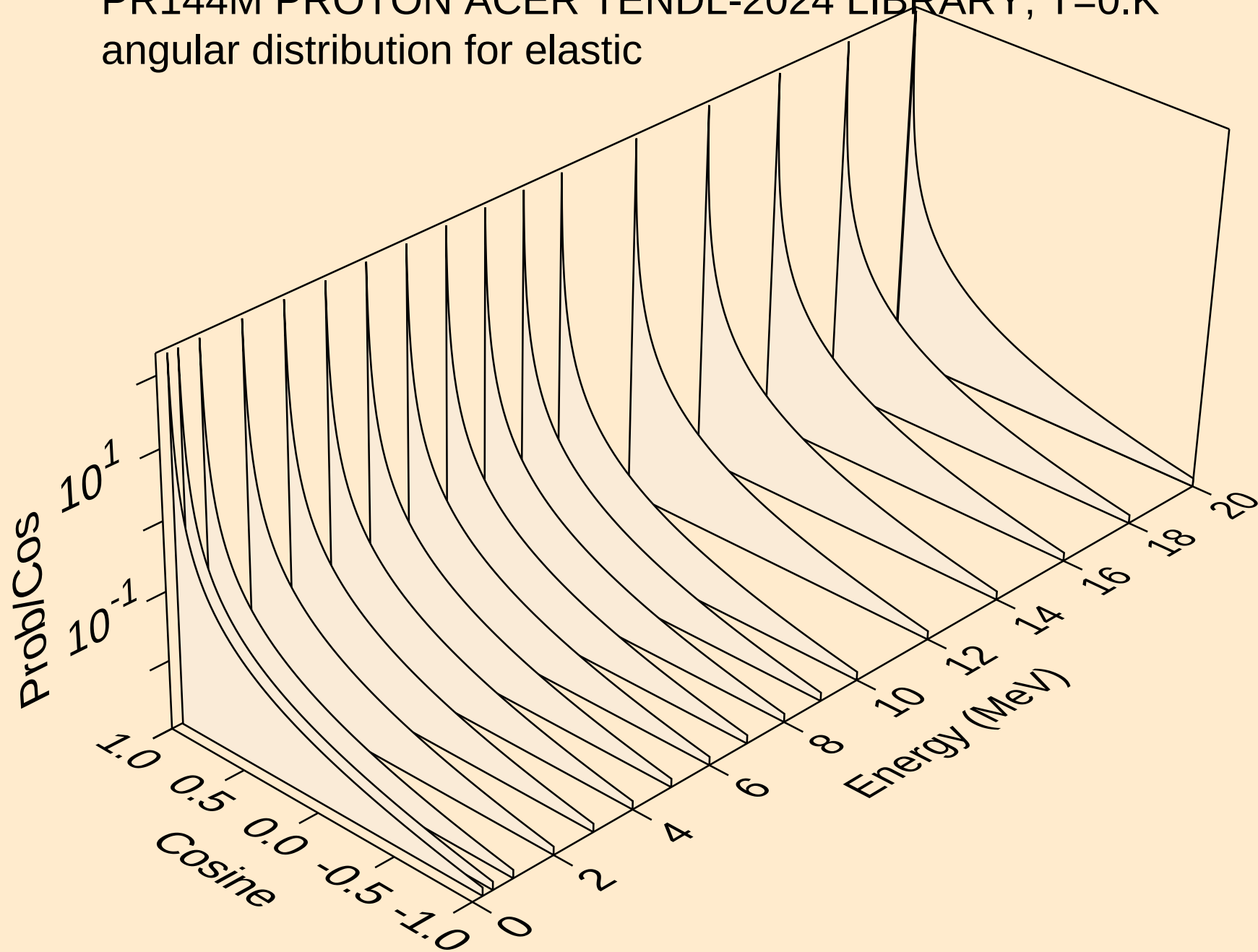


PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K

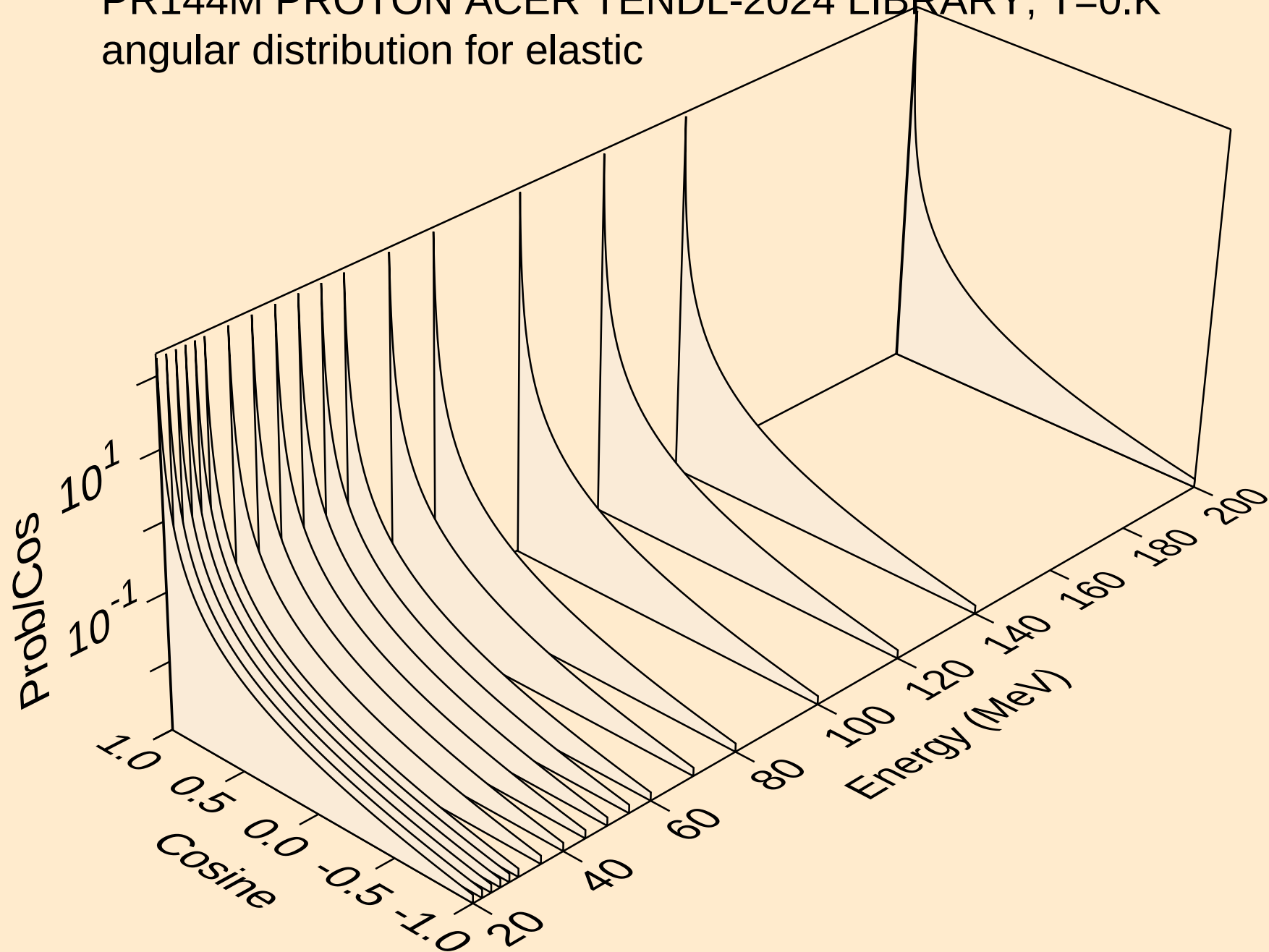
Threshold reactions



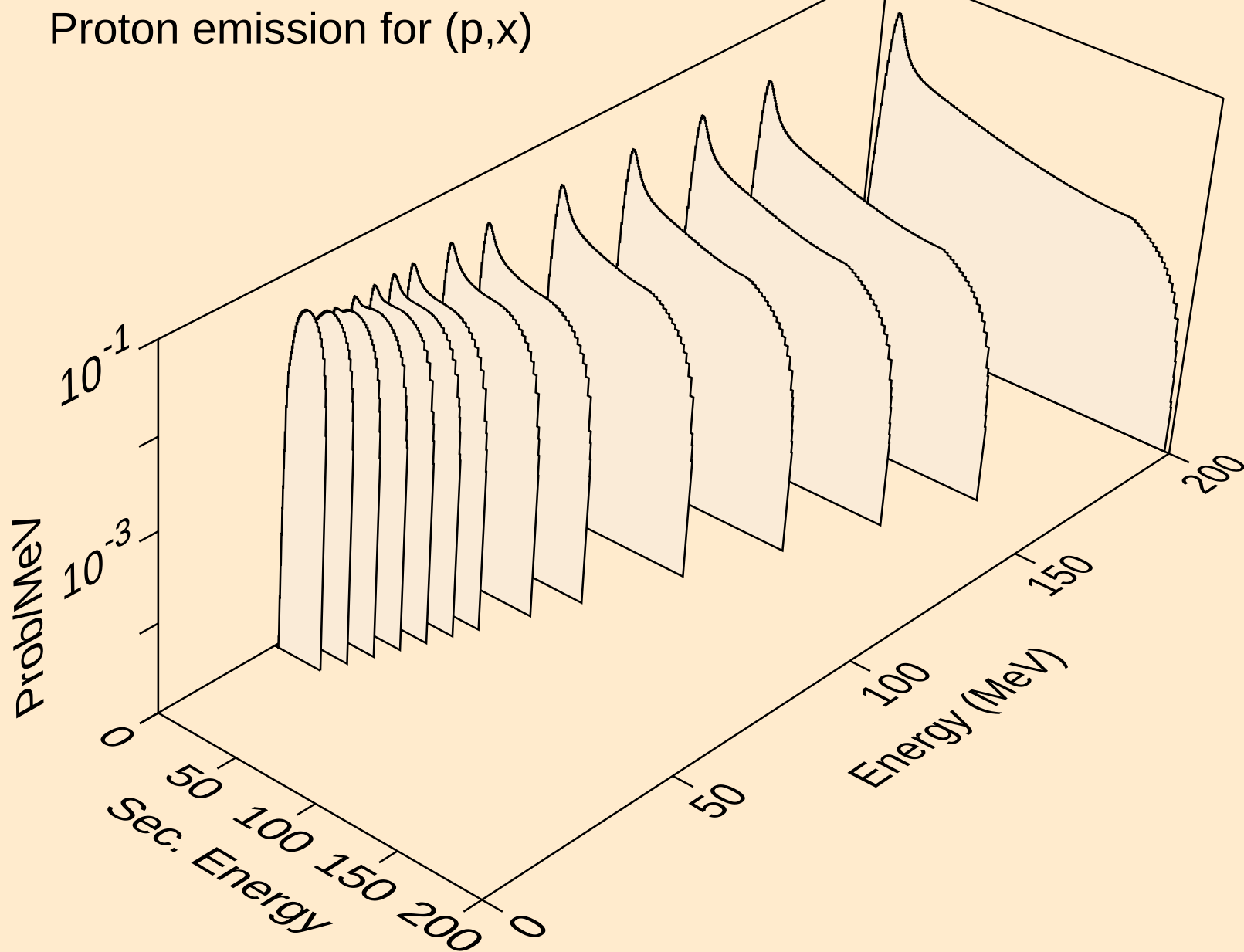
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



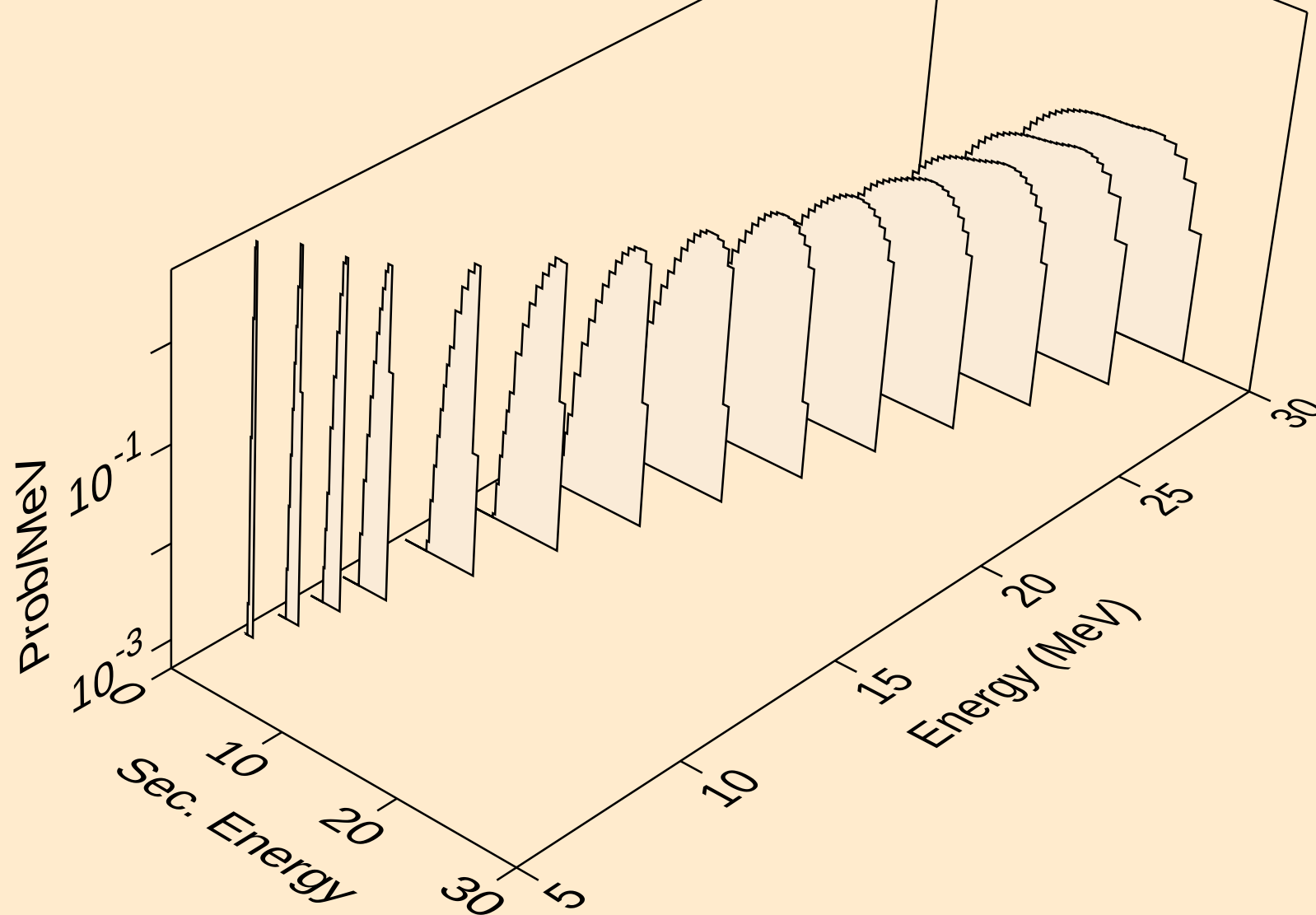
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



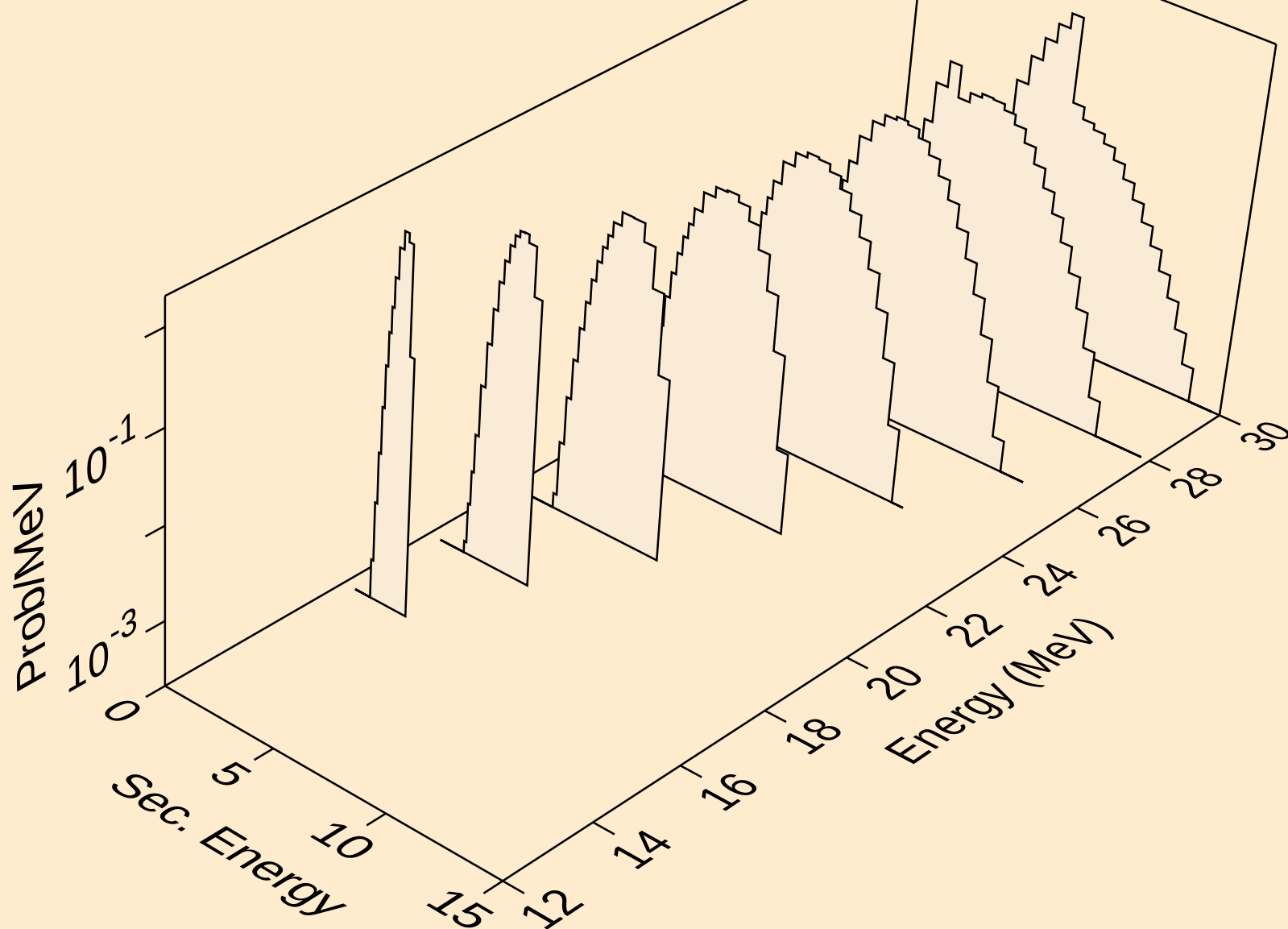
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,x)



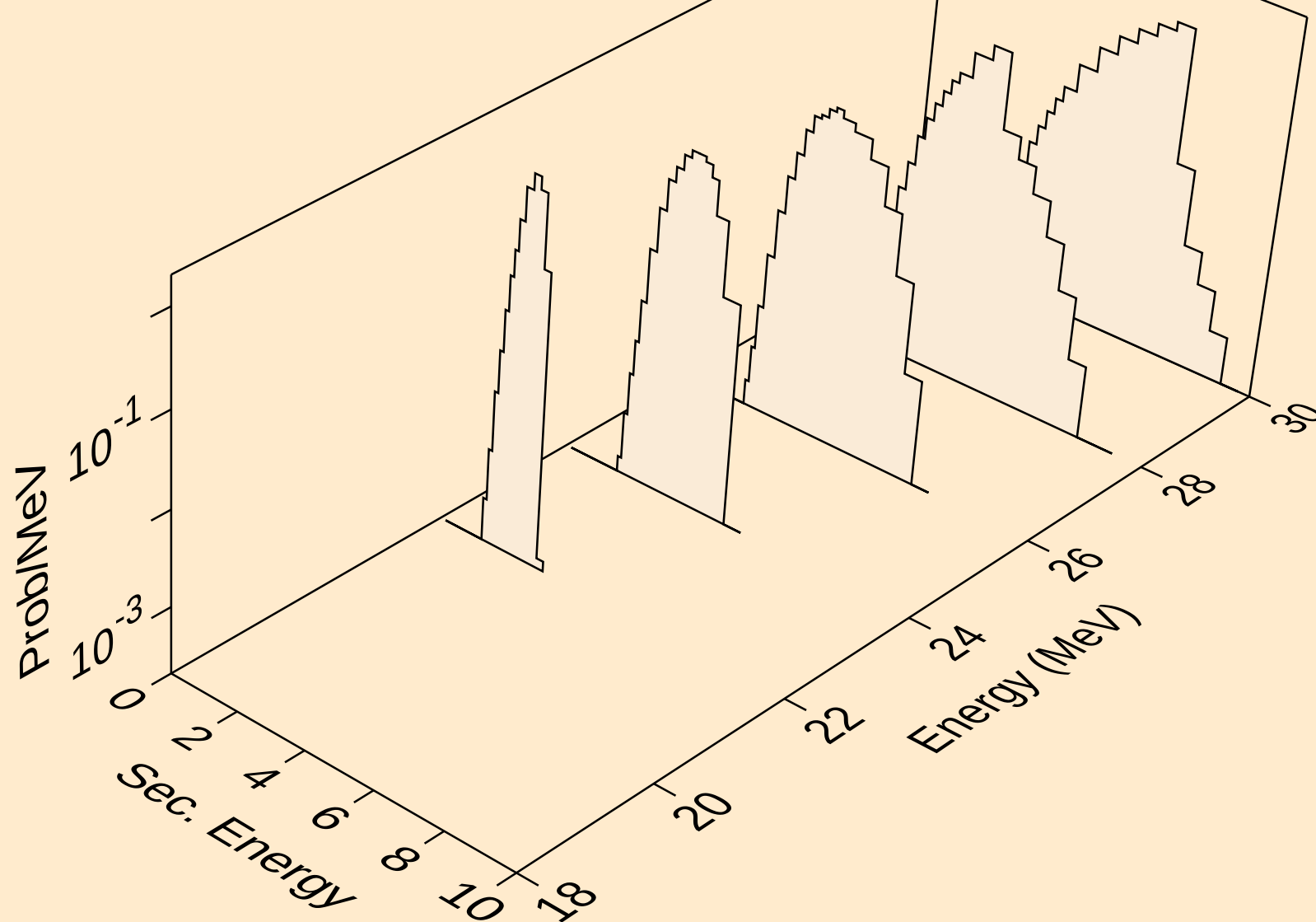
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,n*)p



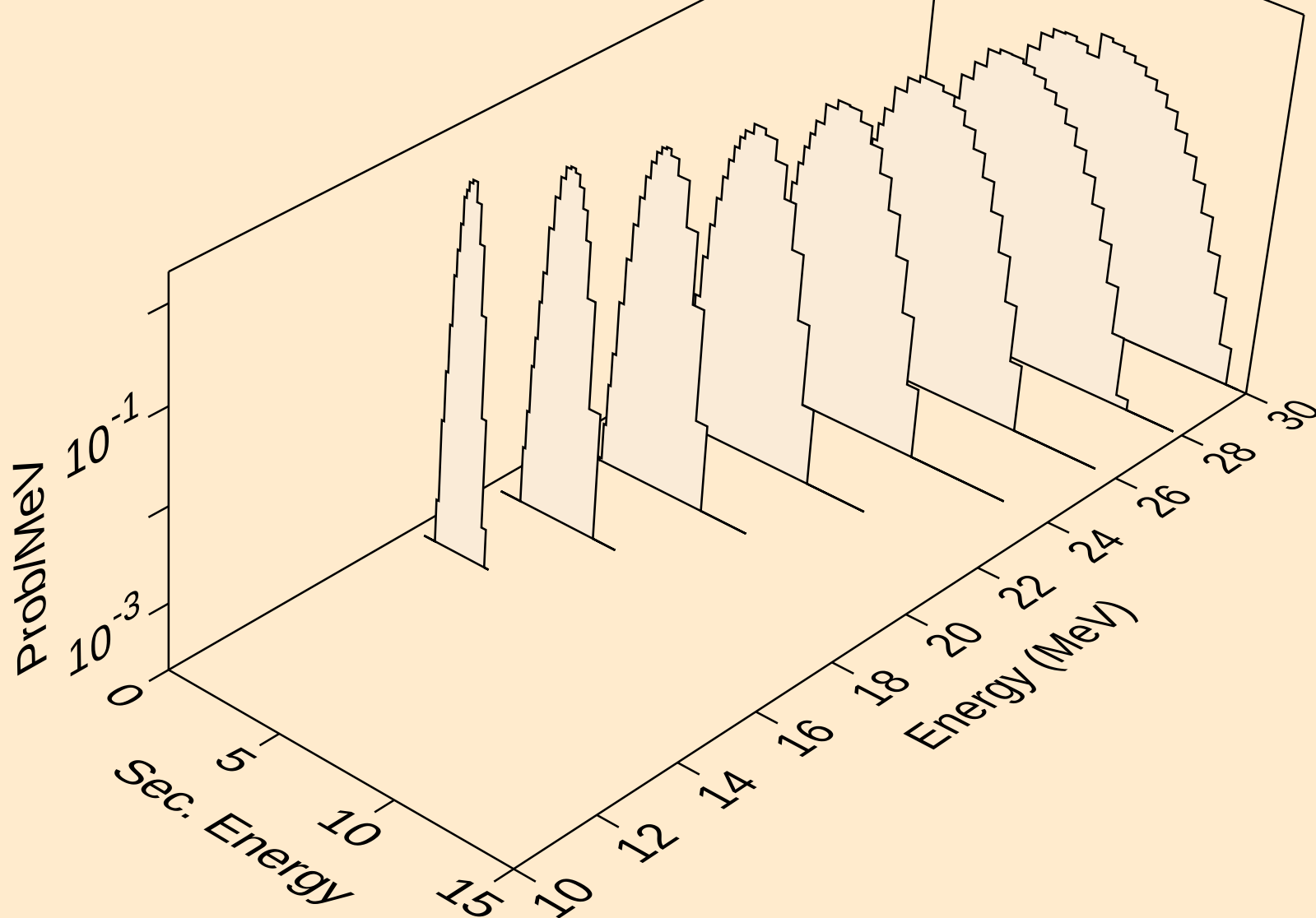
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,2np)



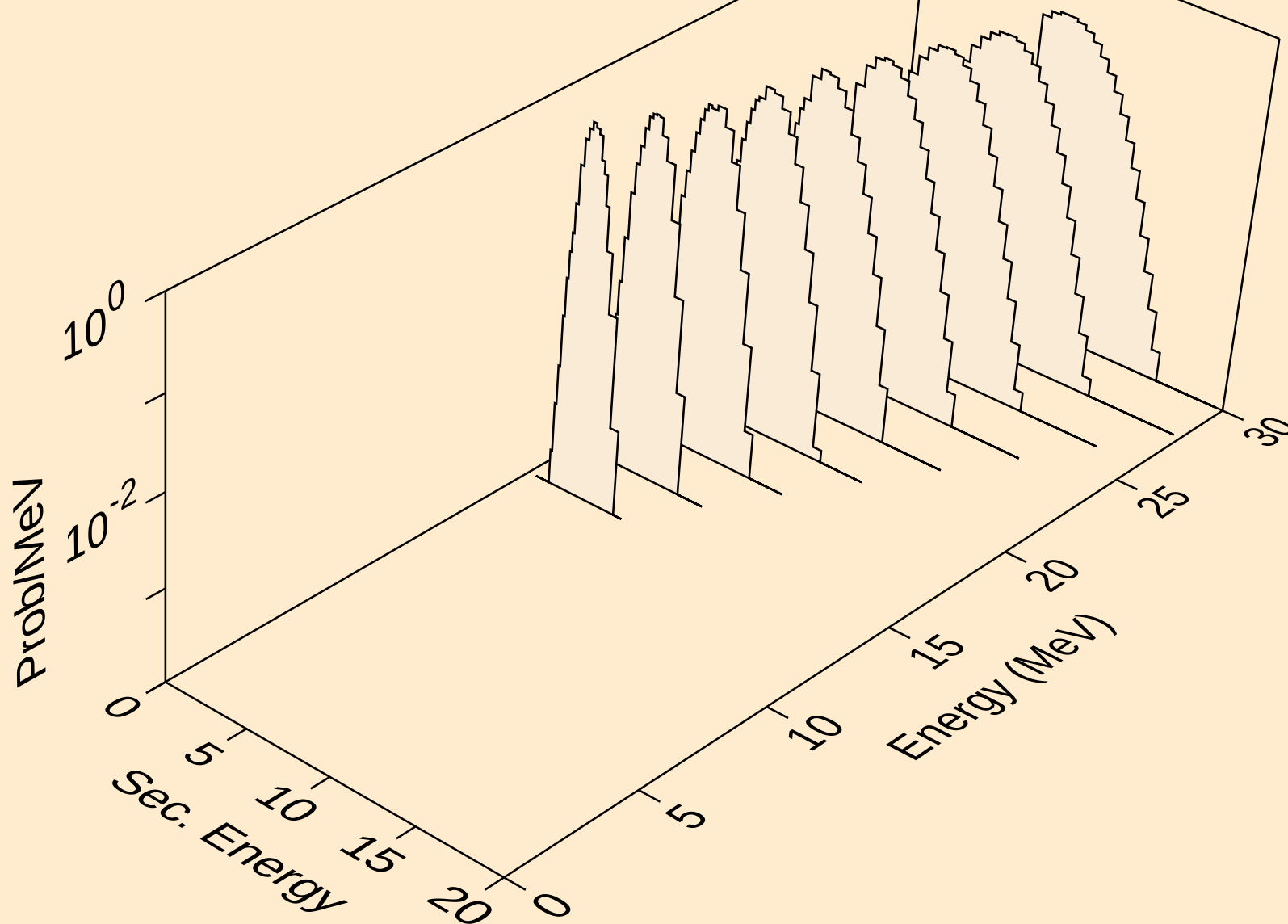
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,3np)



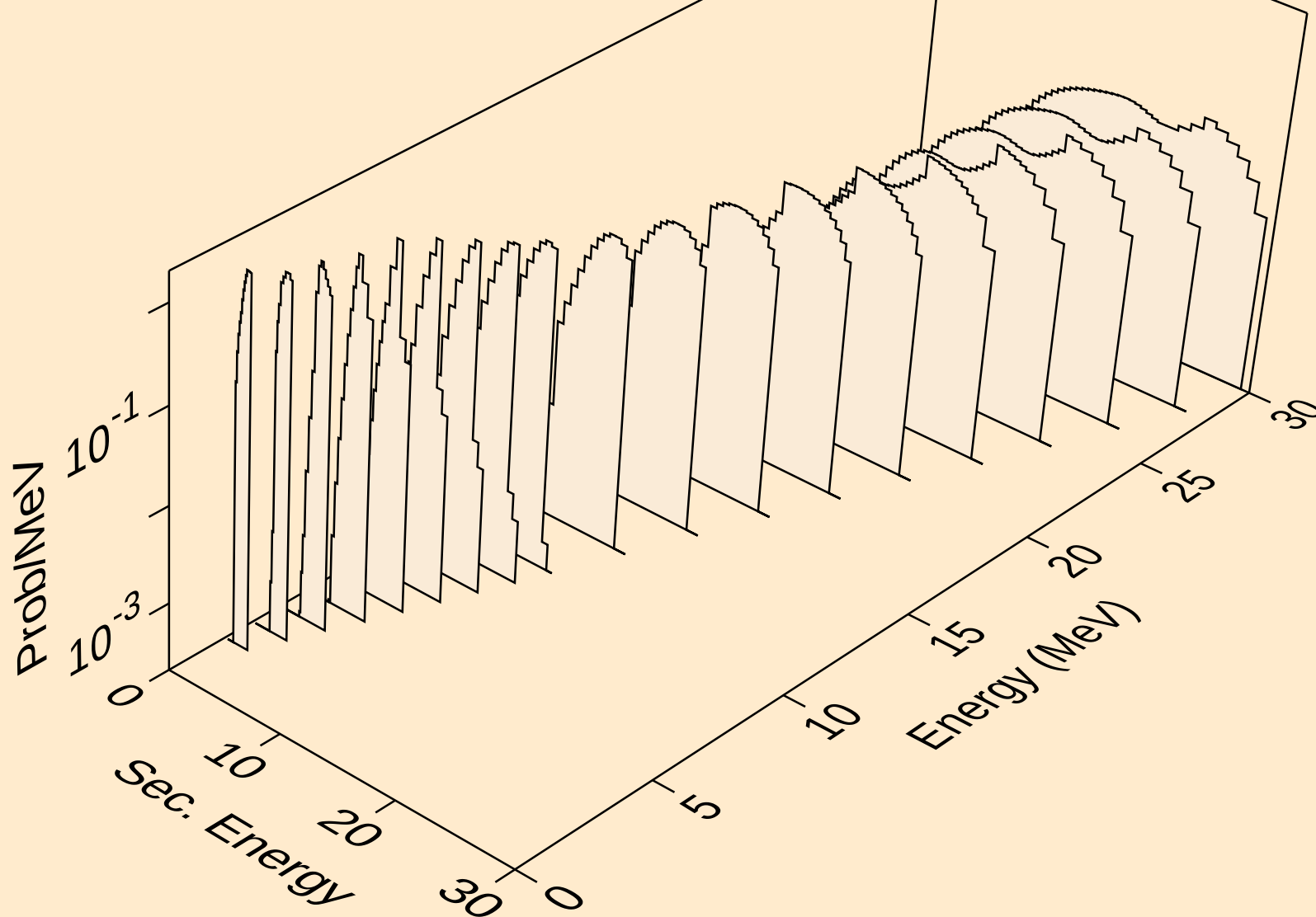
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Proton emission for (p,n2p)



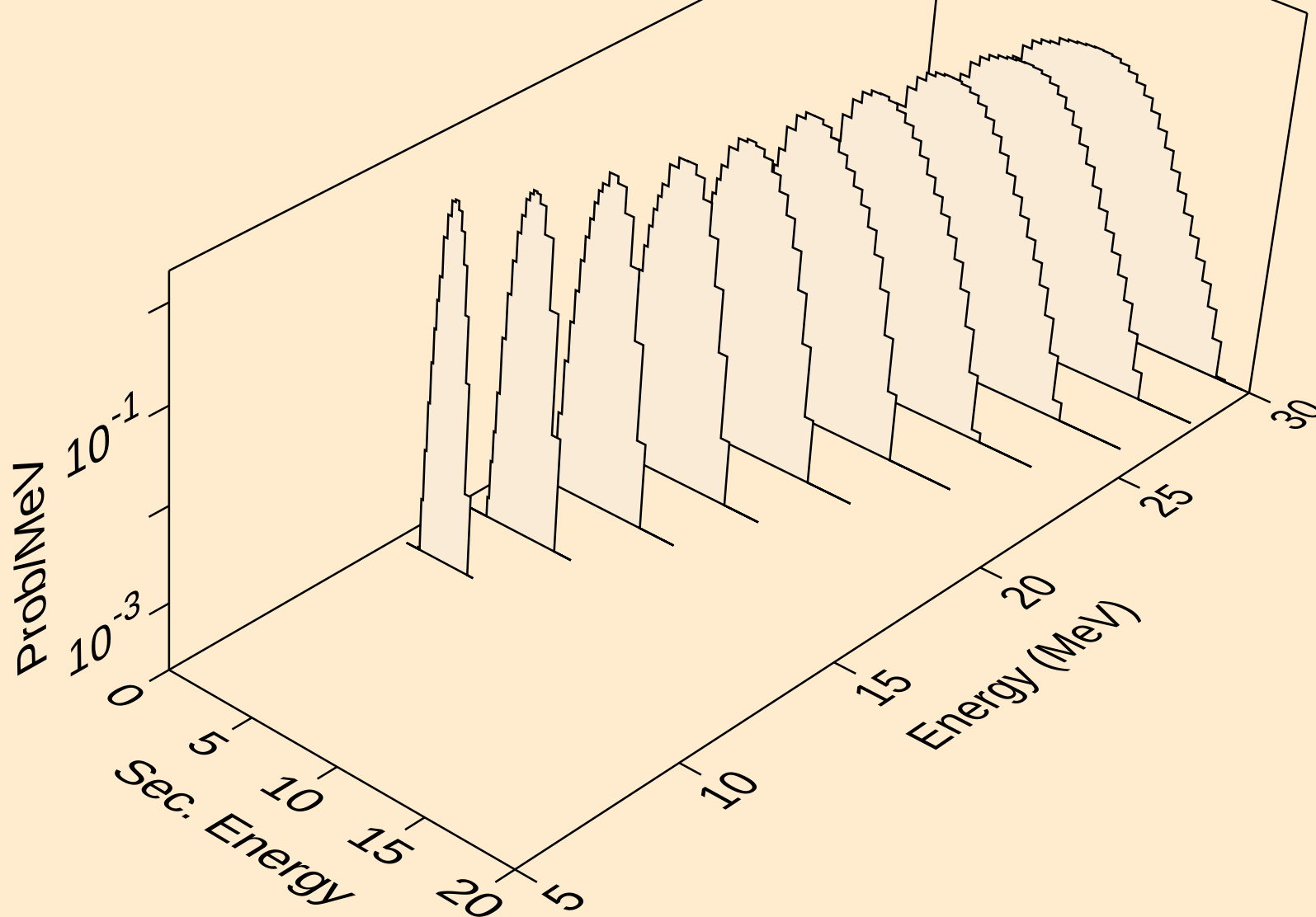
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,npa)



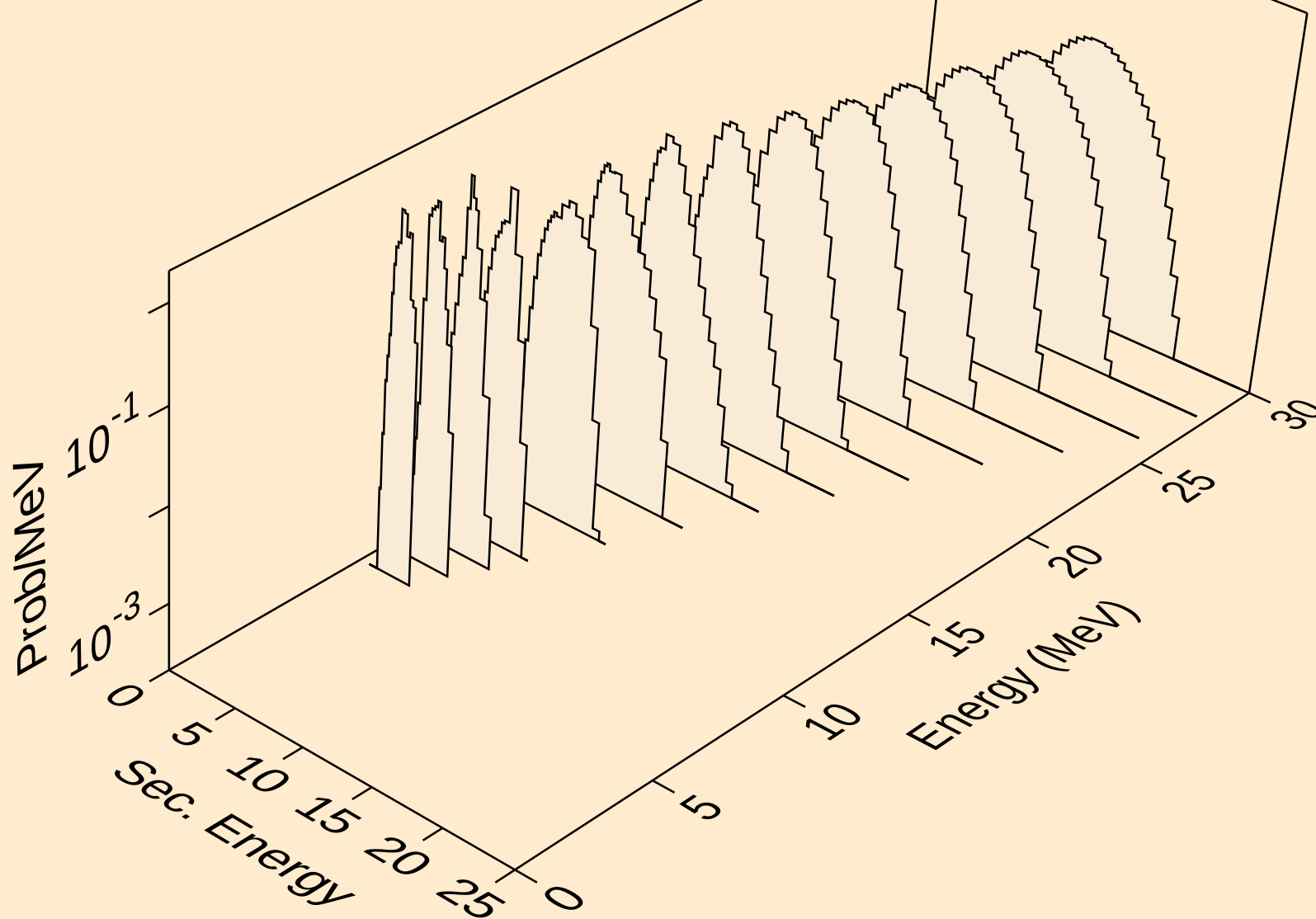
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for inelastic



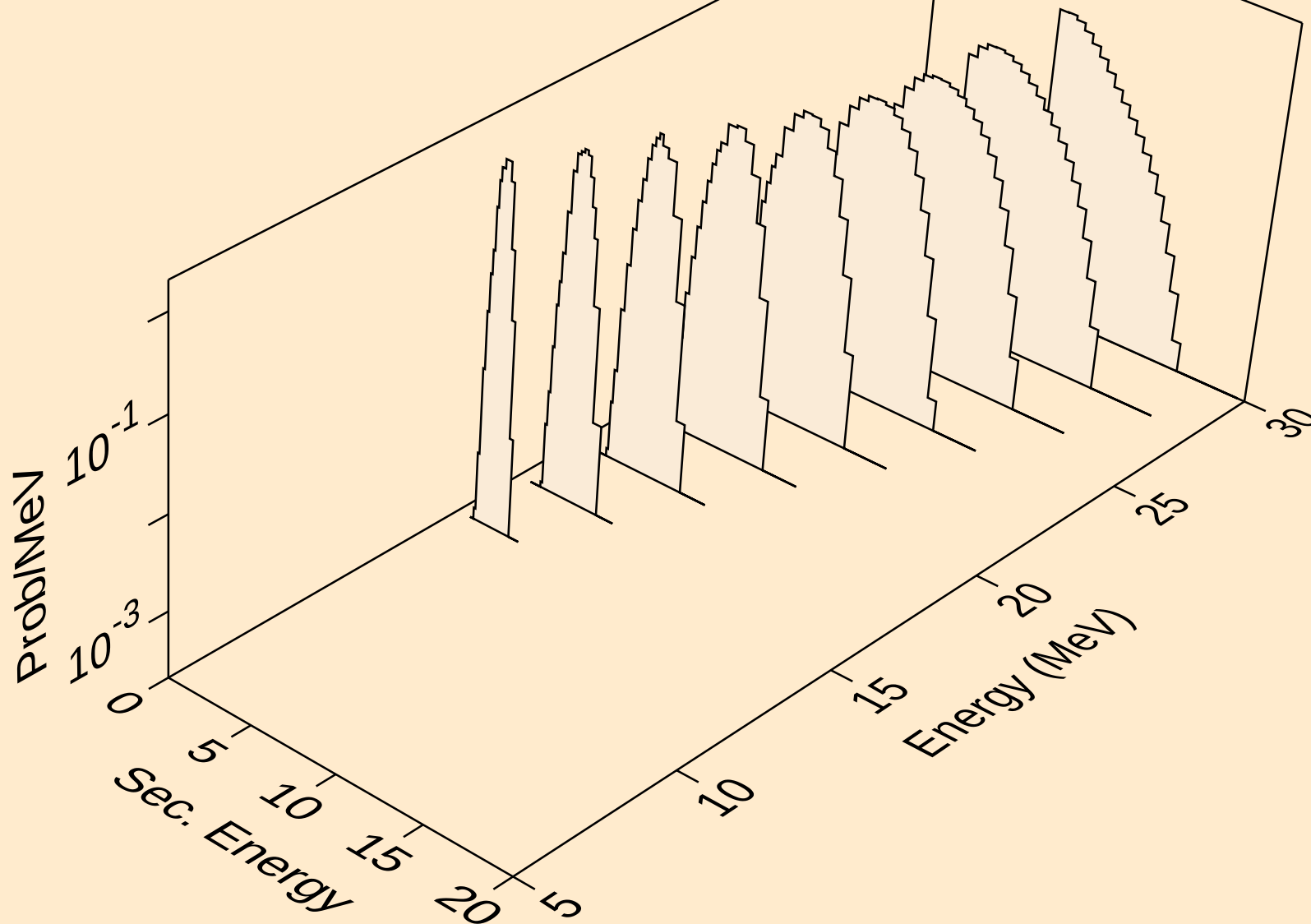
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,2p)



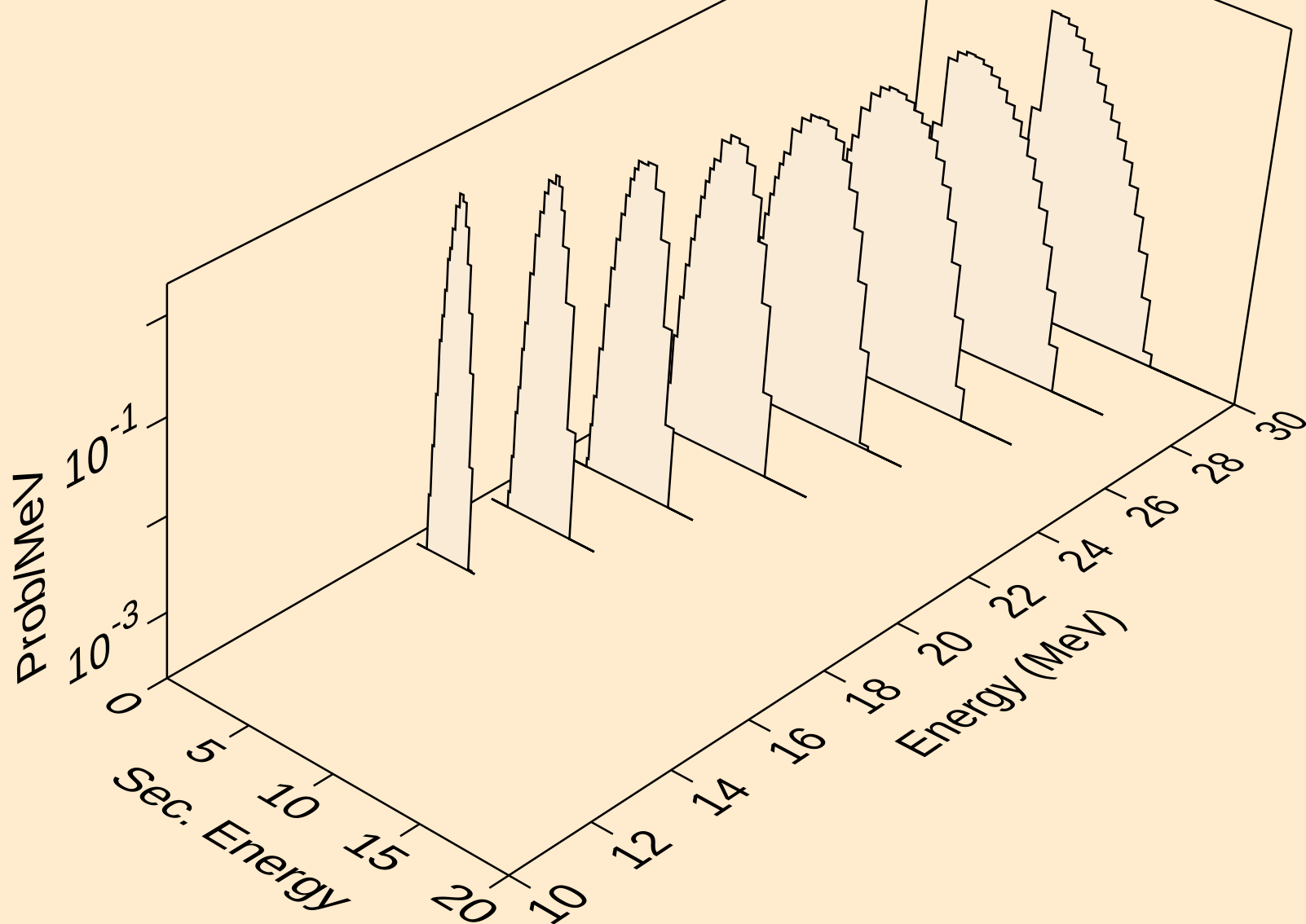
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Proton emission for (p,pa)



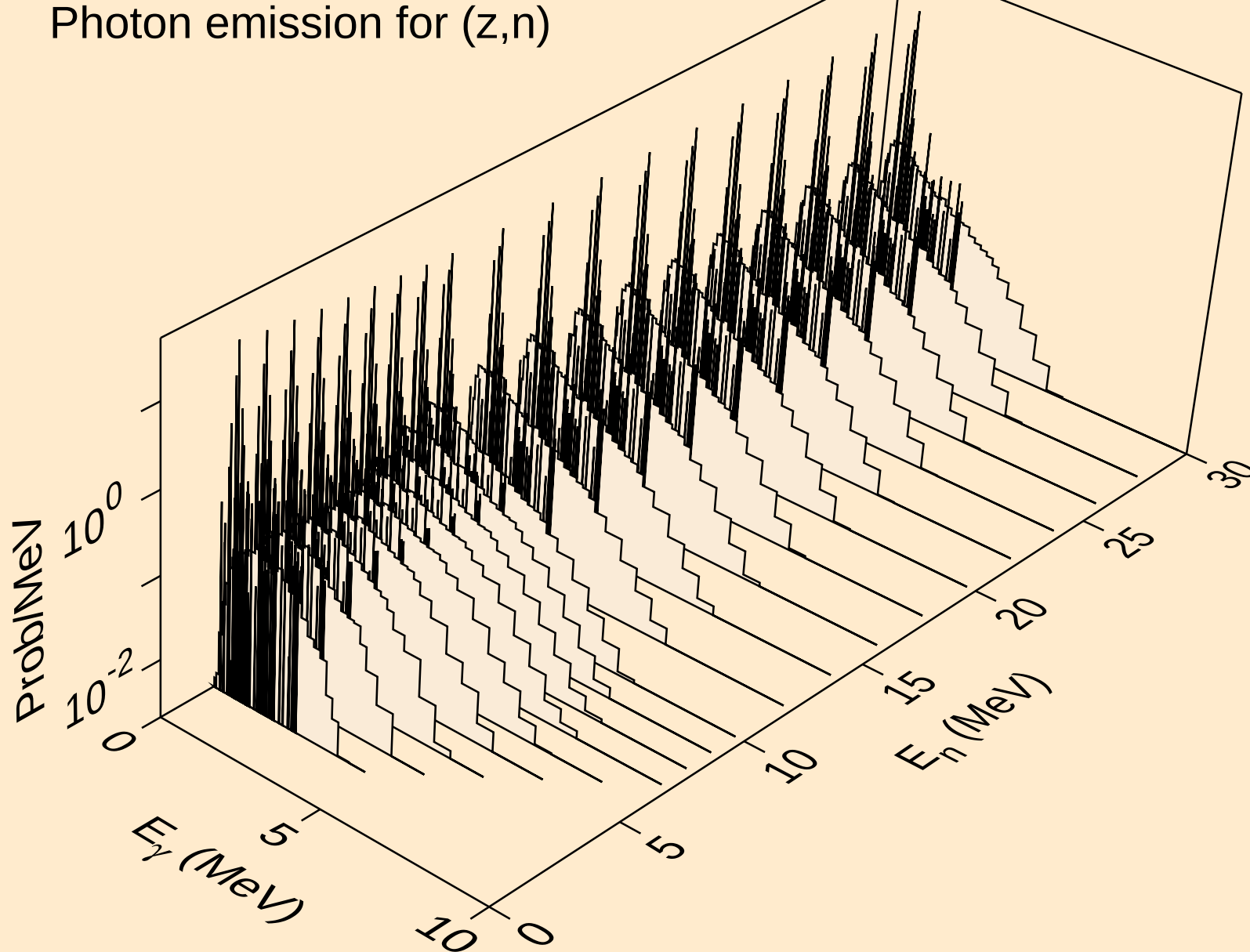
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,pd)



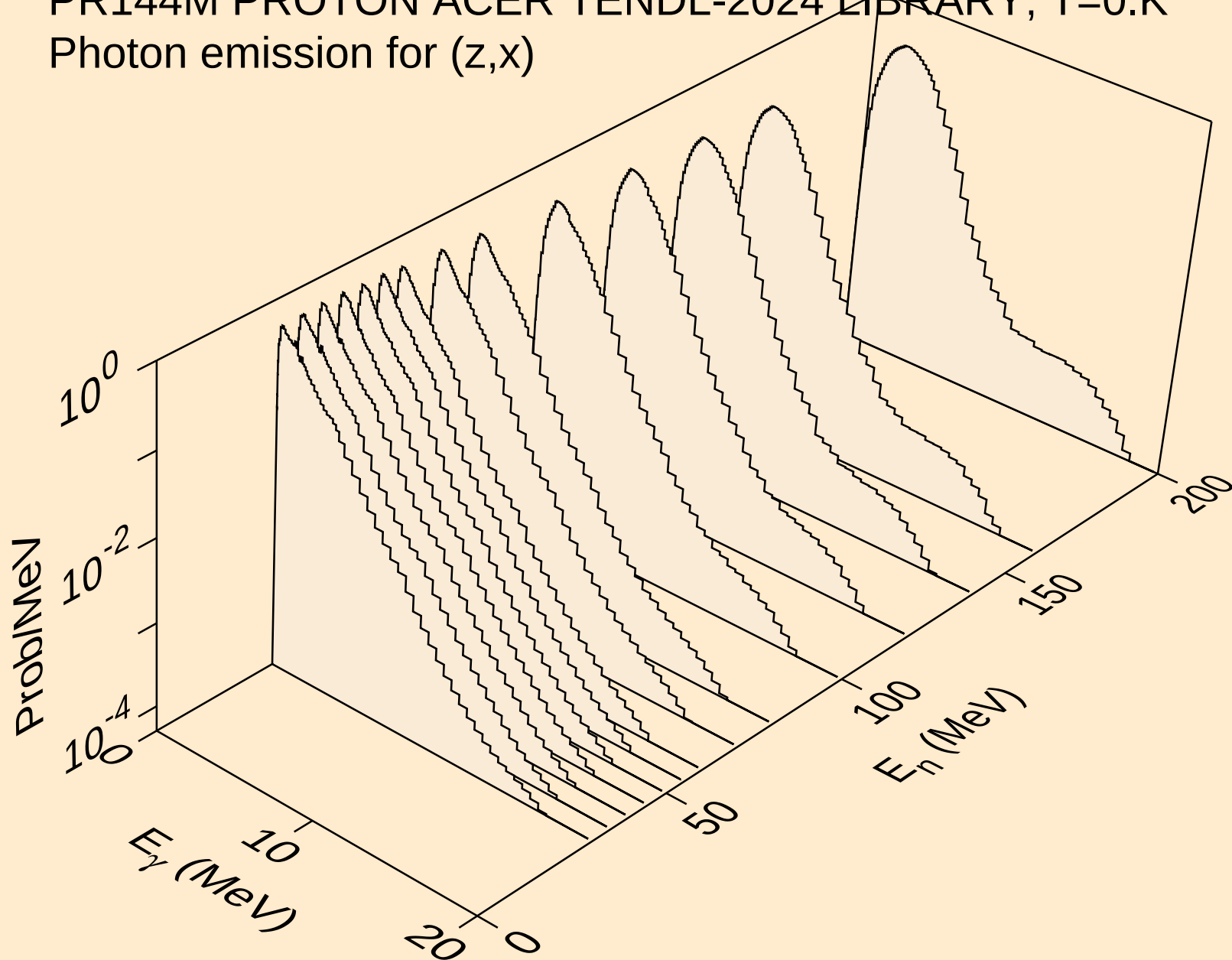
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
Proton emission for (p,pt)



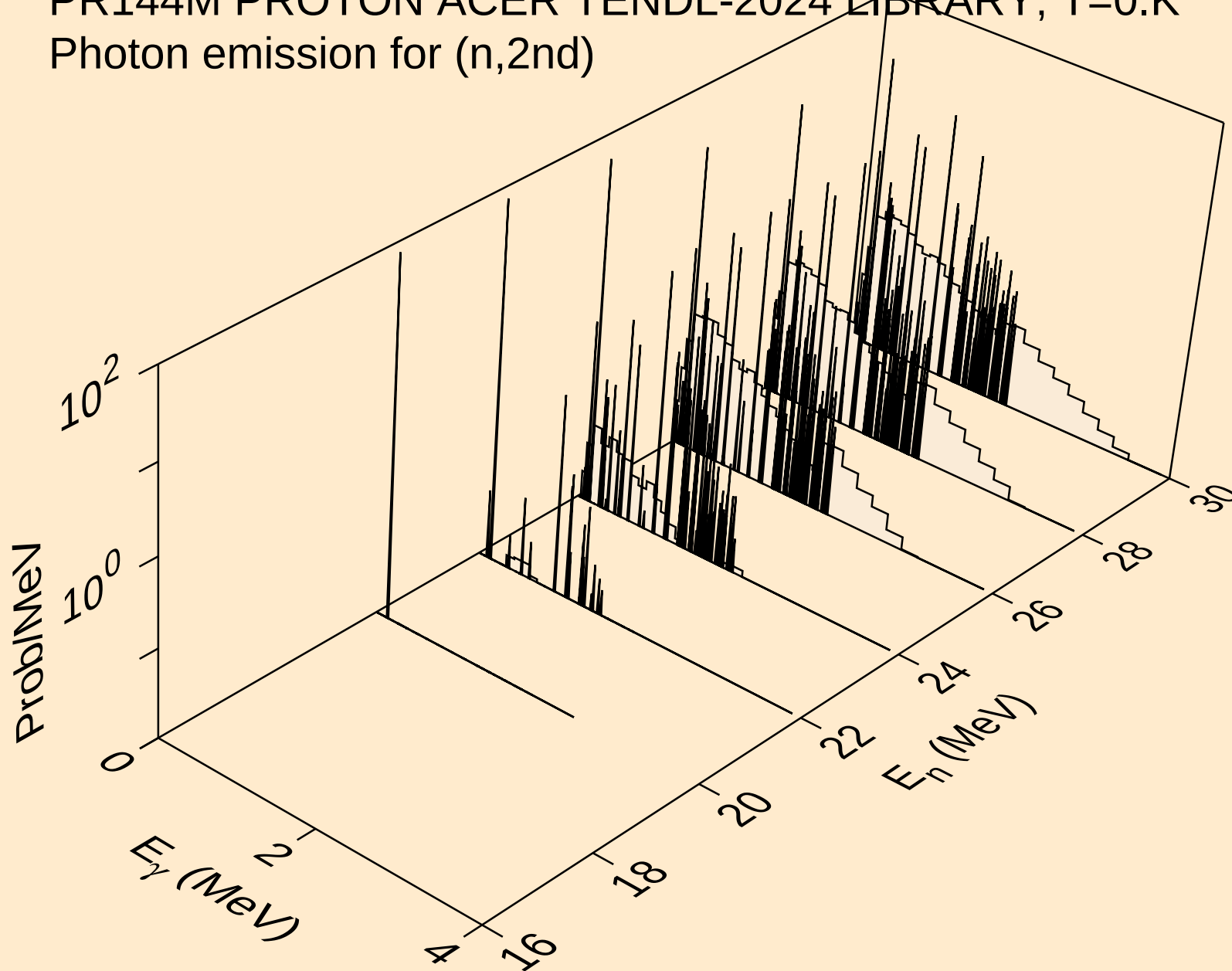
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (z,n)



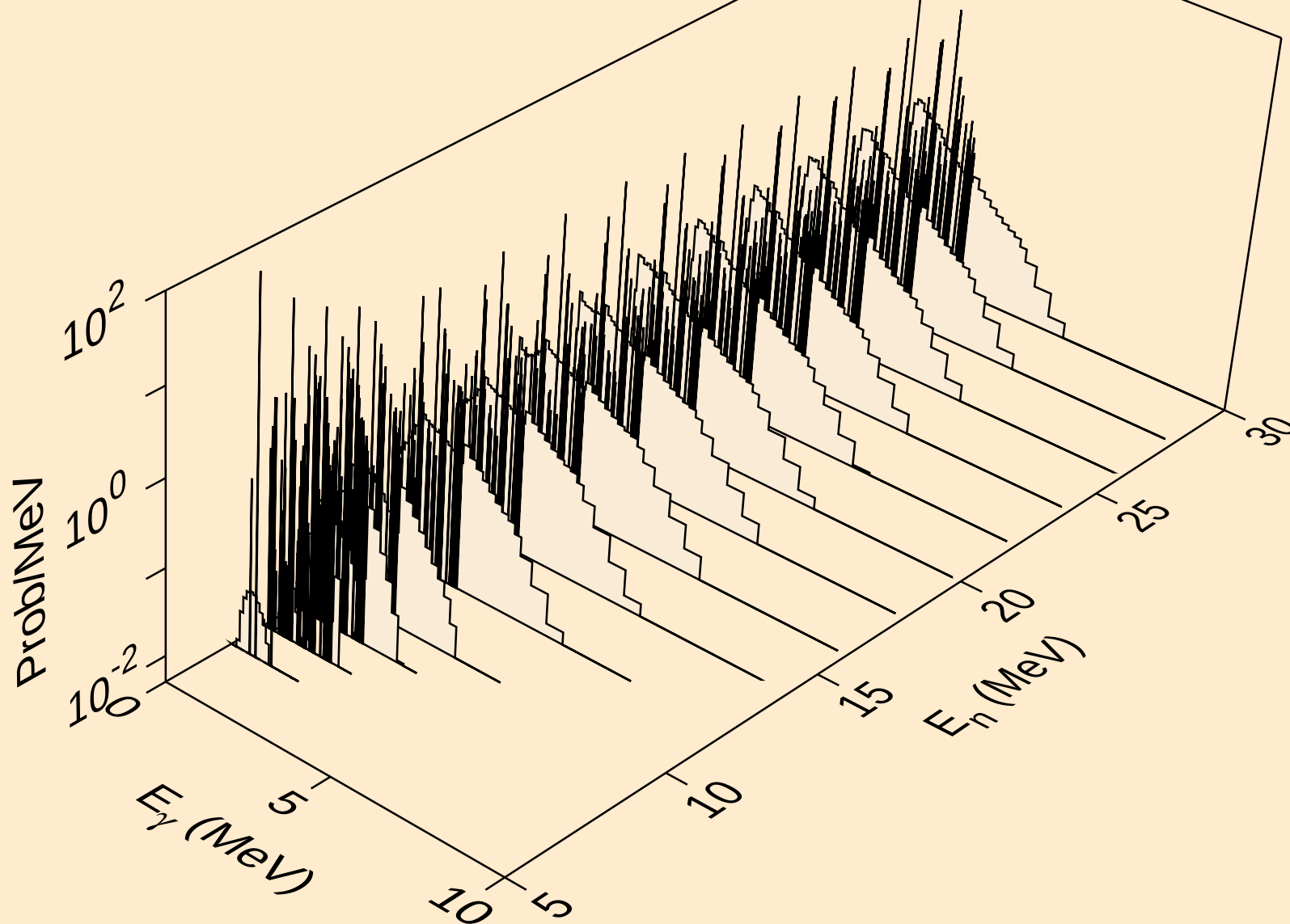
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Photon emission for (z,x)



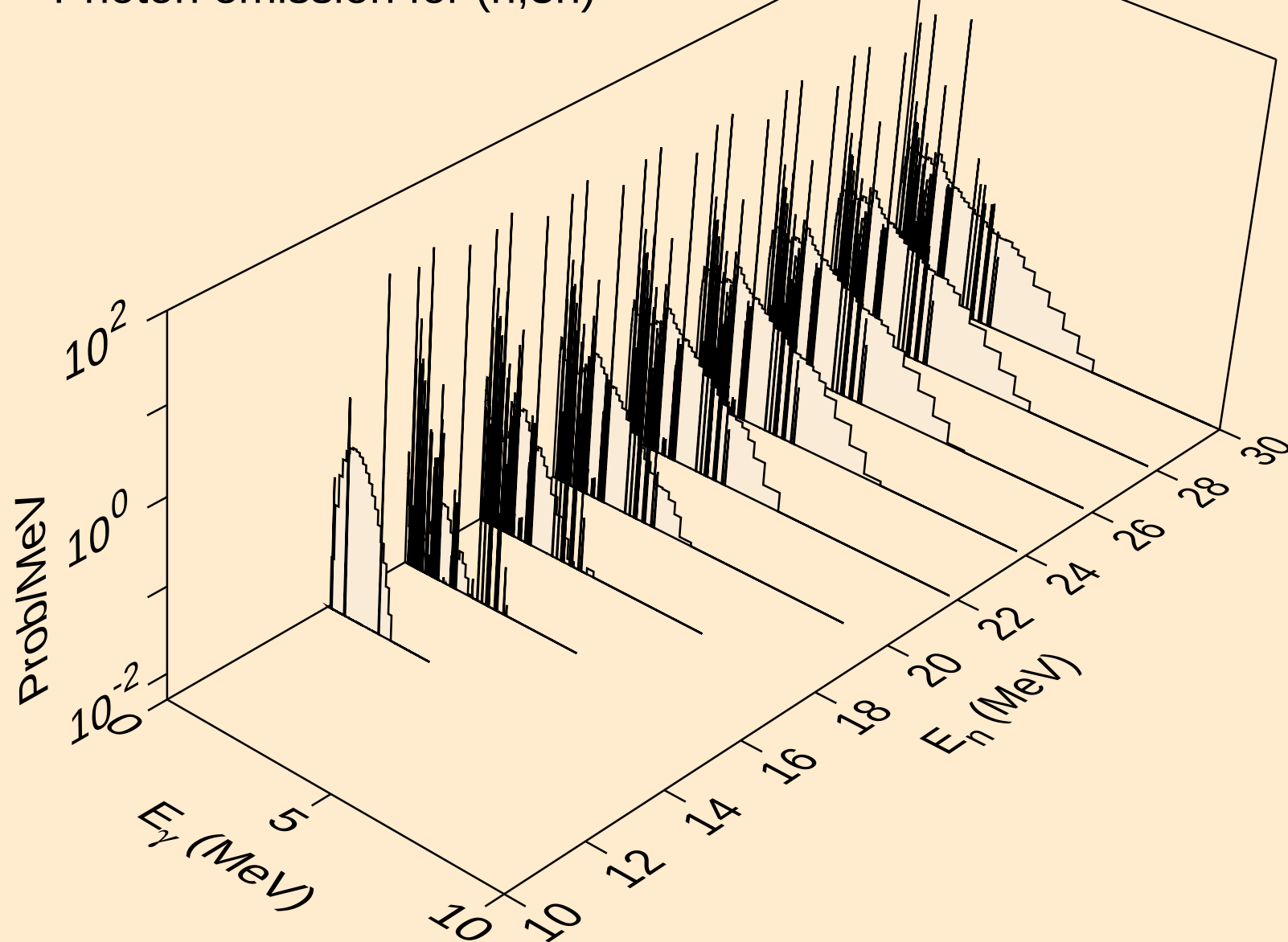
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2nd)



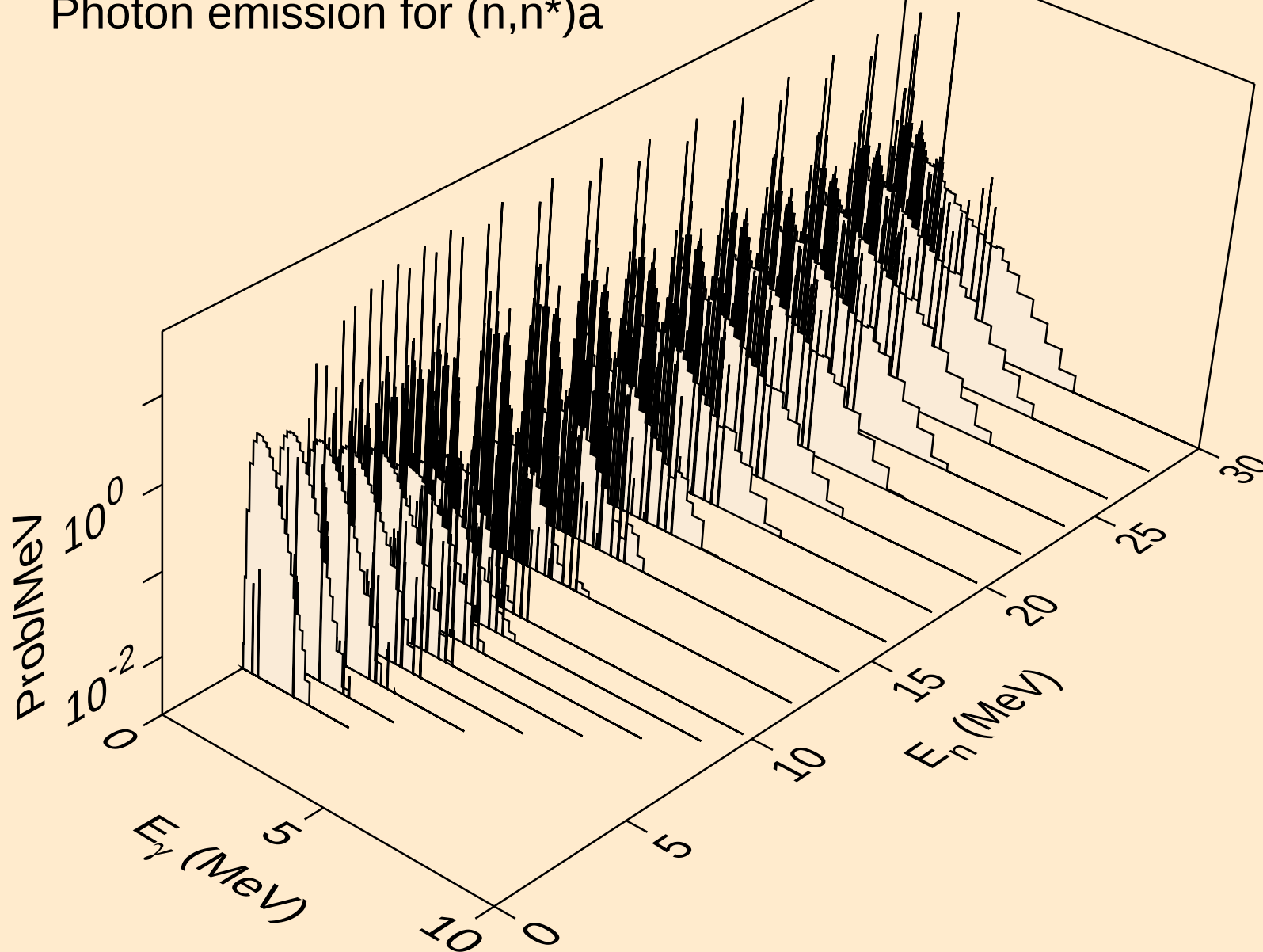
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Photon emission for (n,2n)



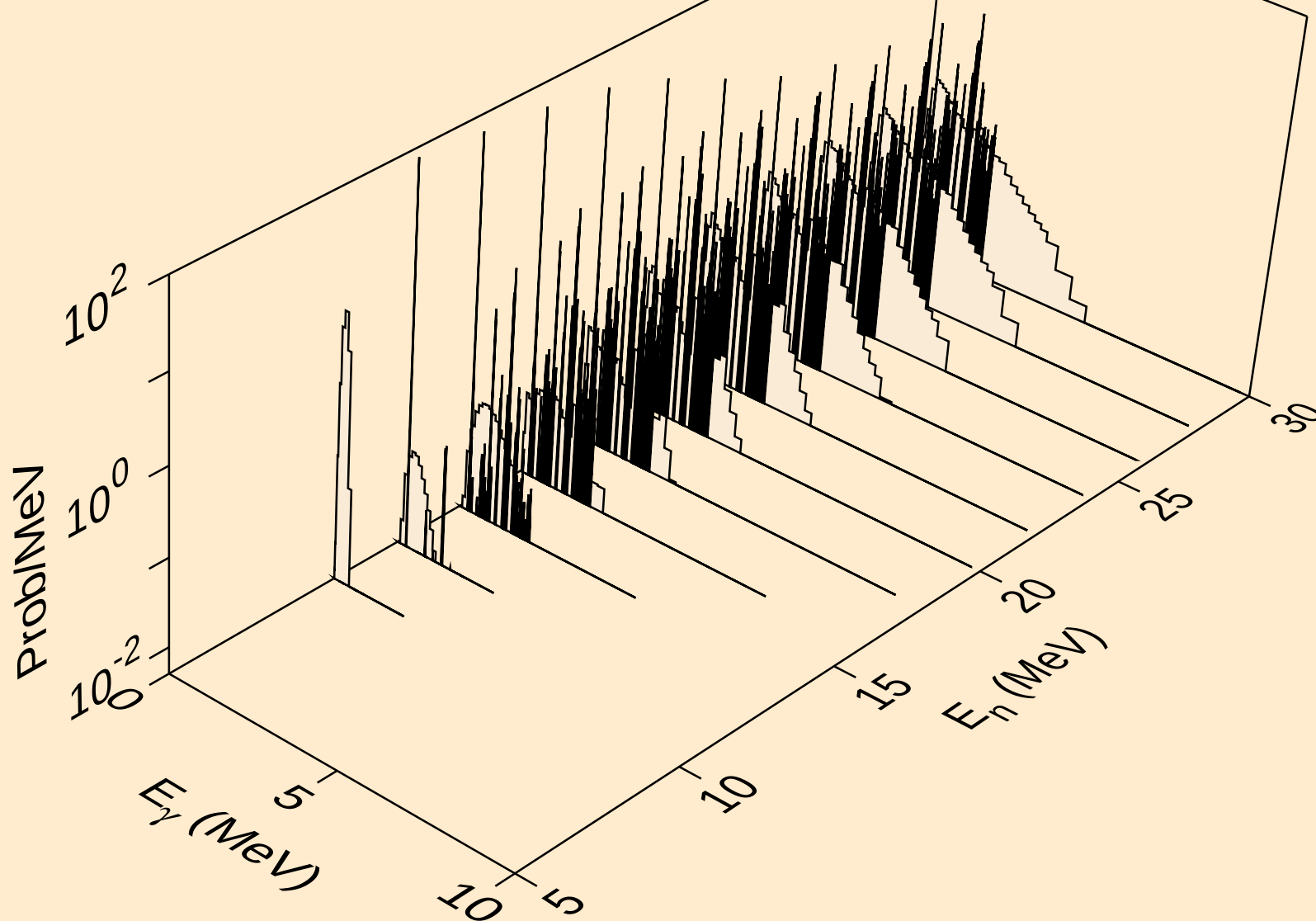
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,3n)



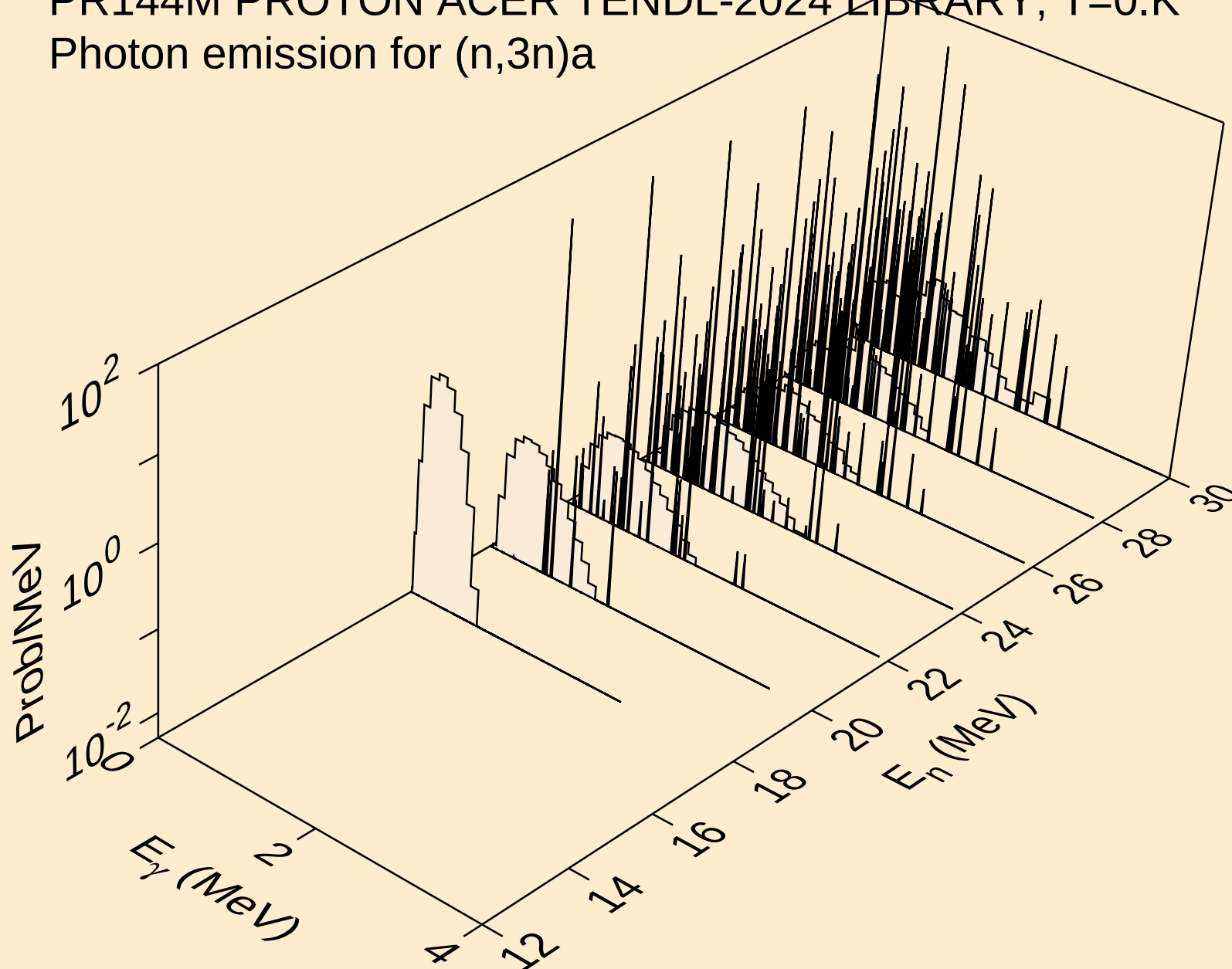
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)a$



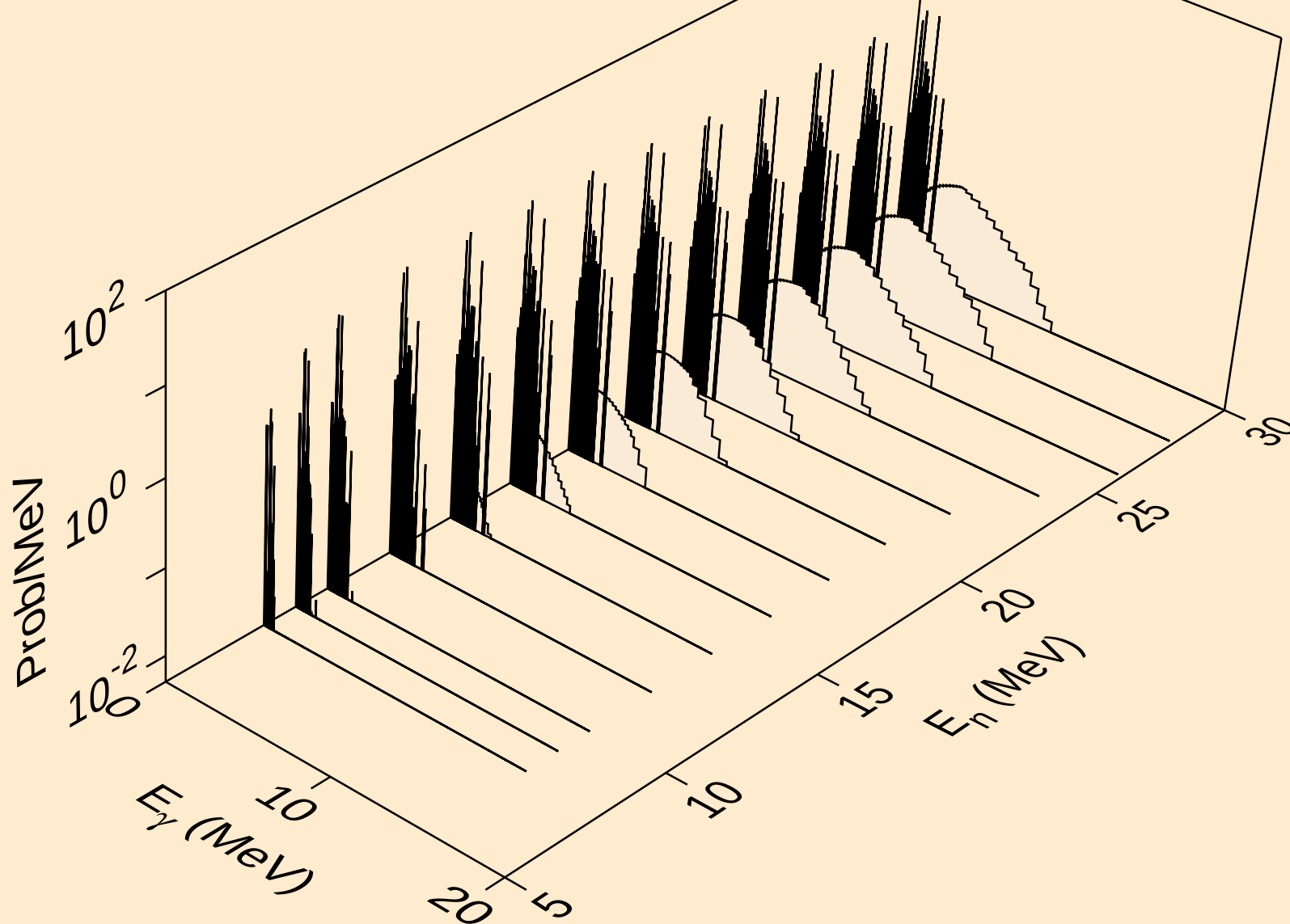
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for $(n,2n)\alpha$



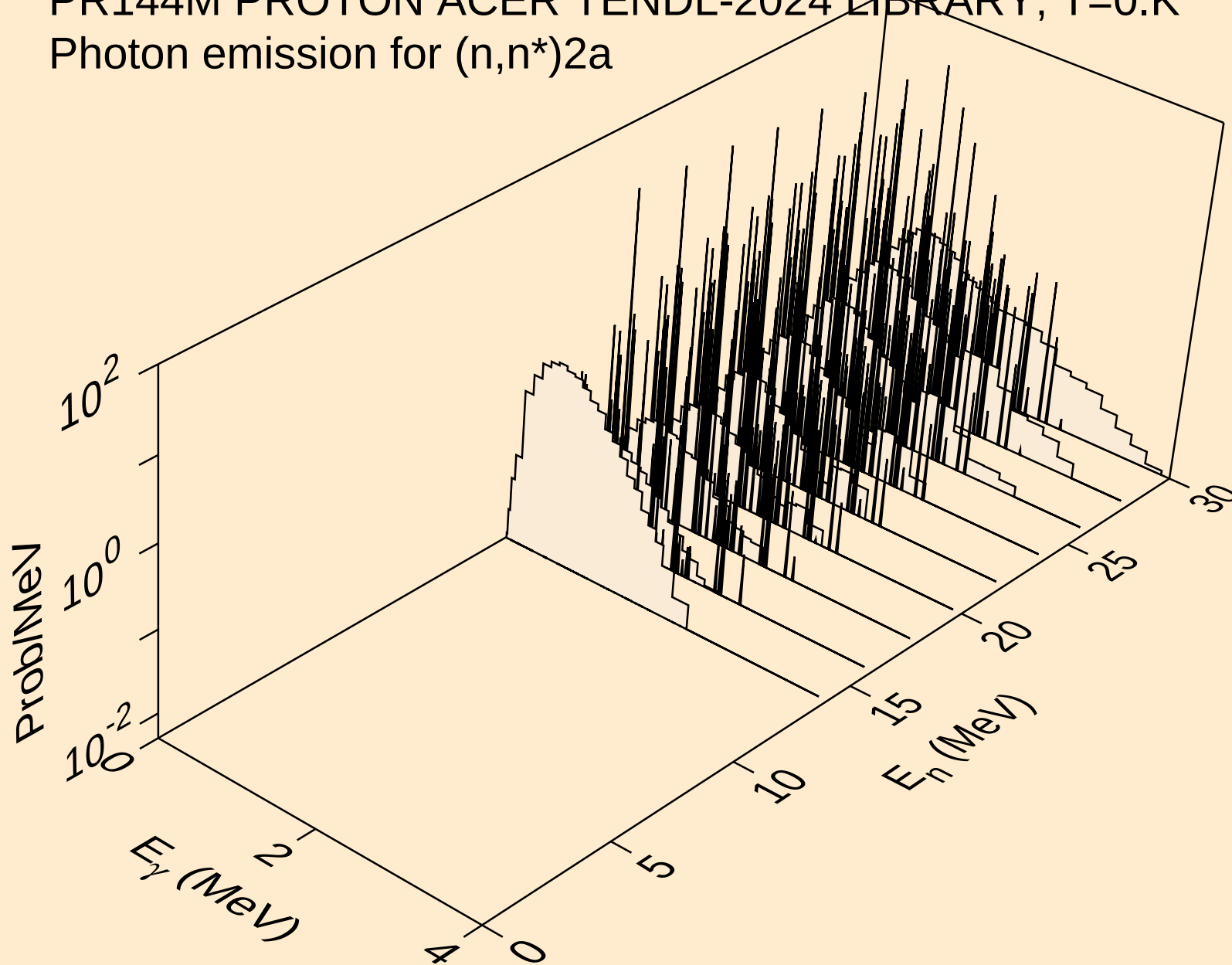
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Photon emission for $(n,3n)\alpha$



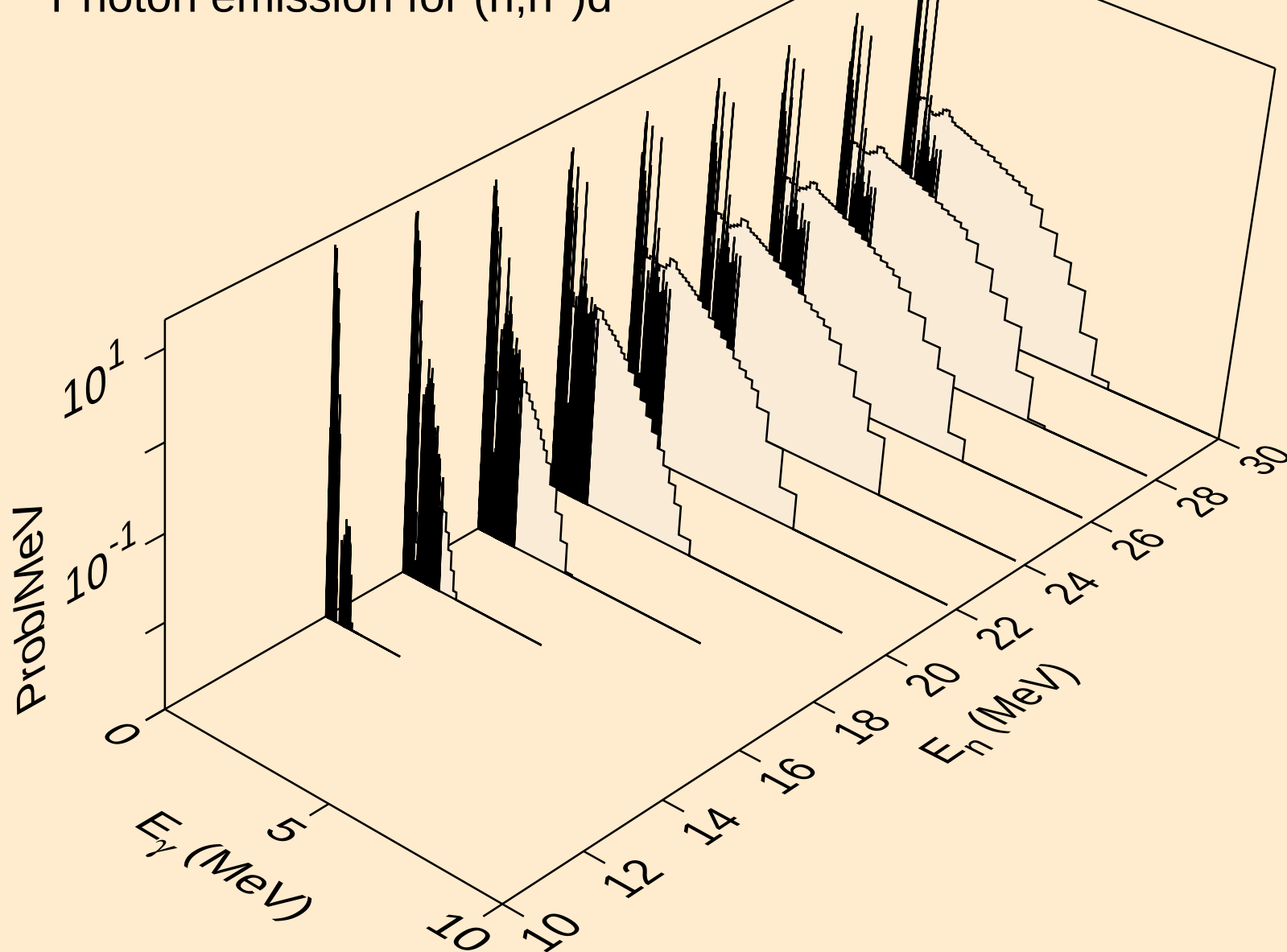
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)p$



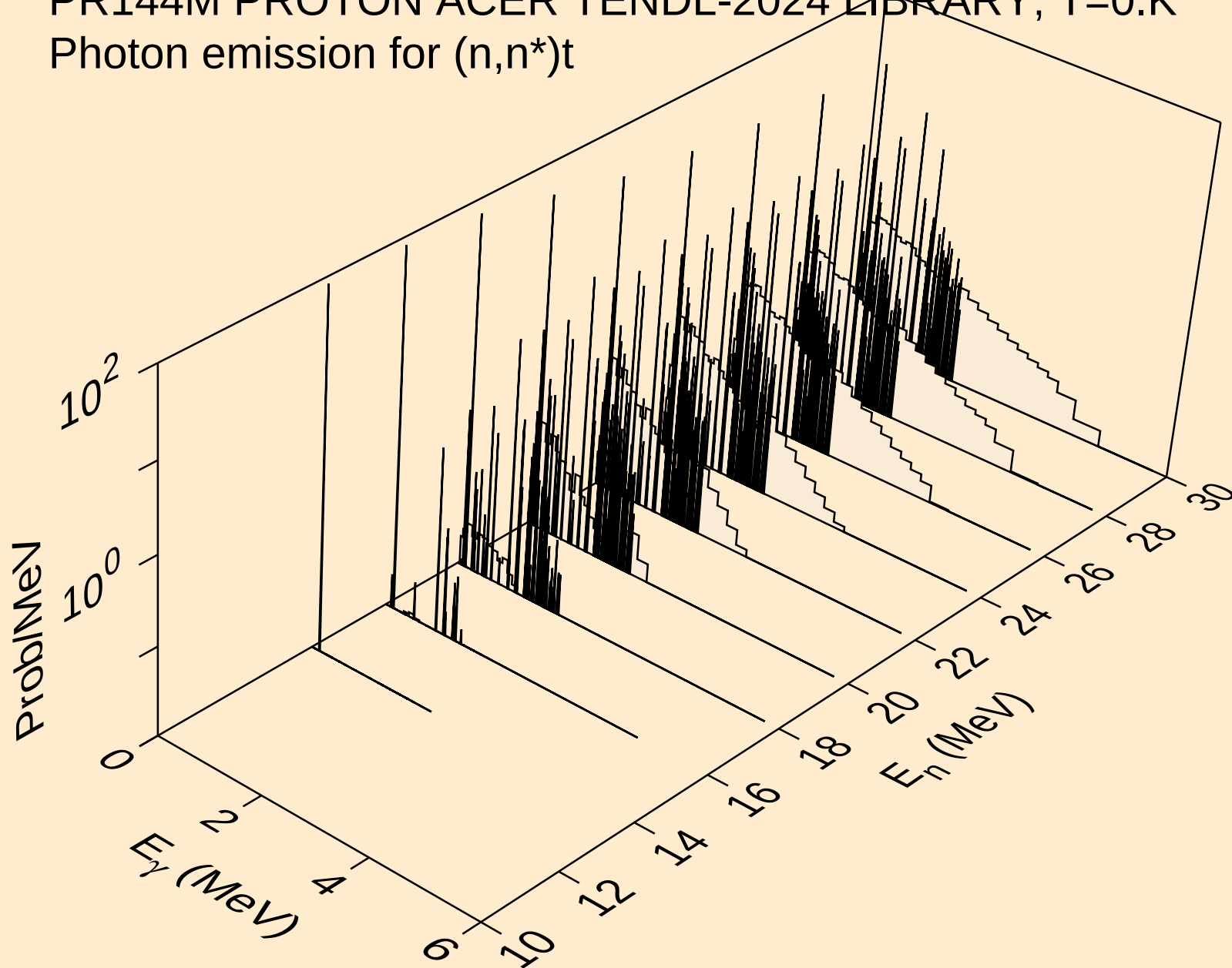
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Photon emission for $(n,n^*)2a$



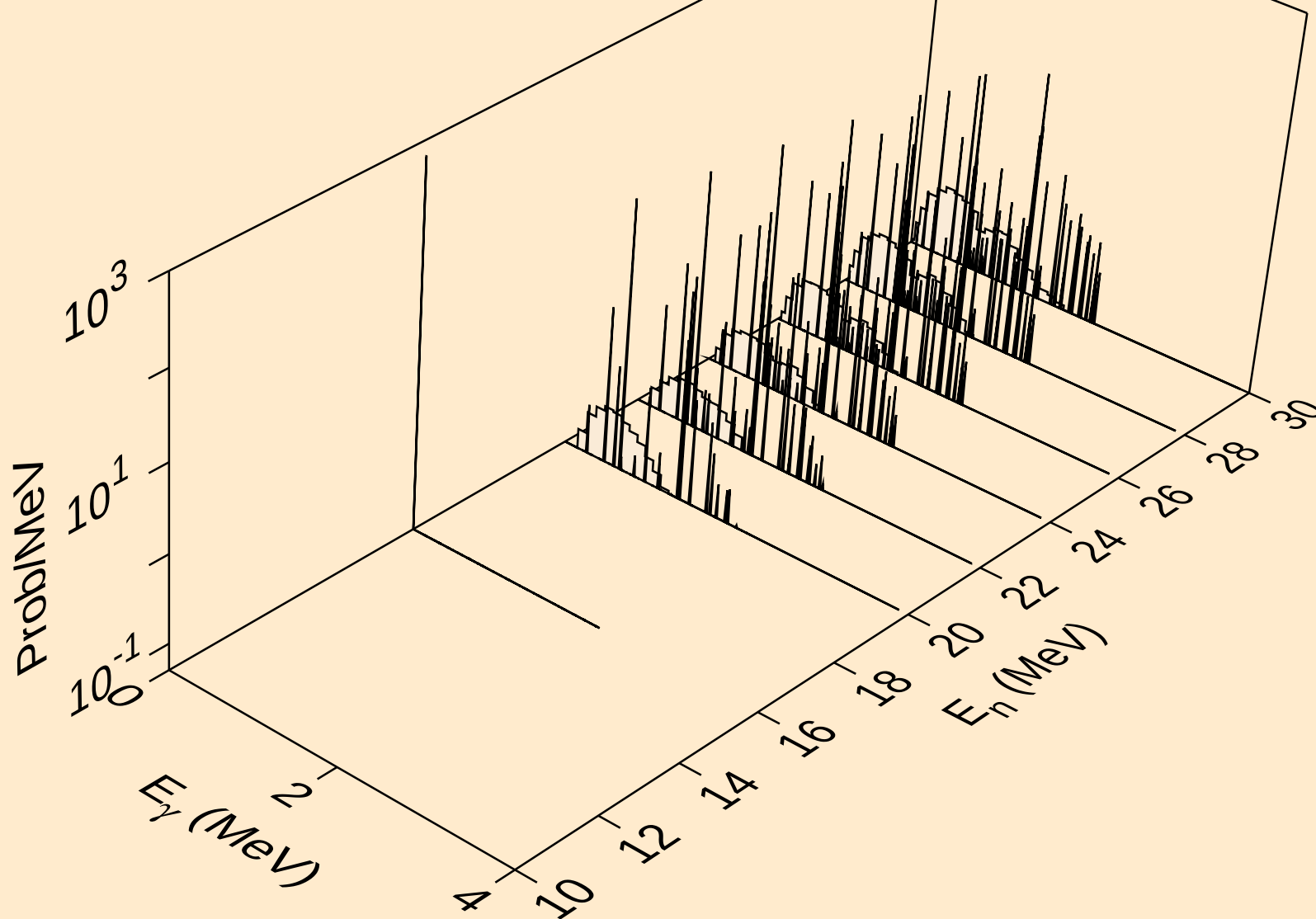
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)d$



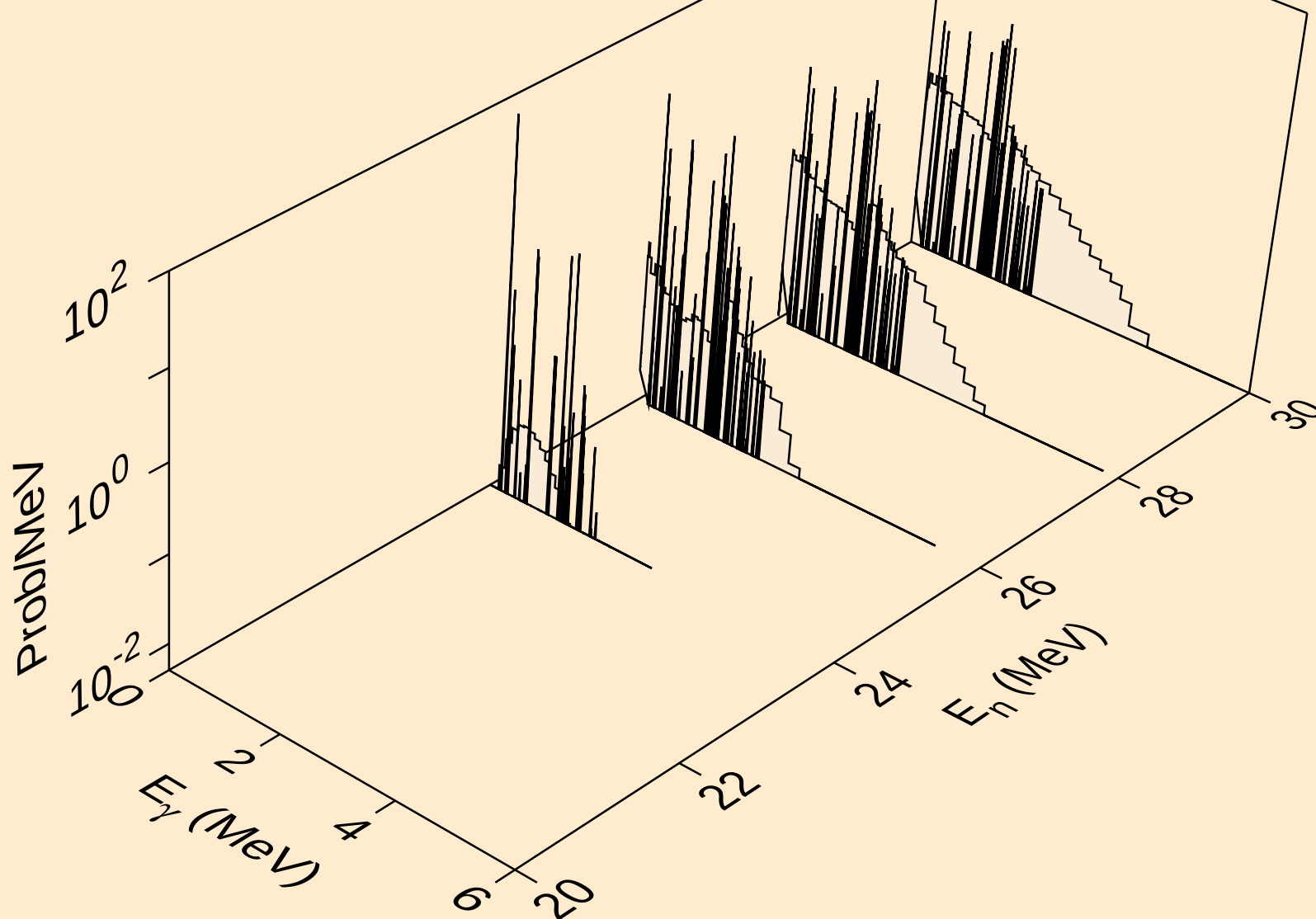
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)t$



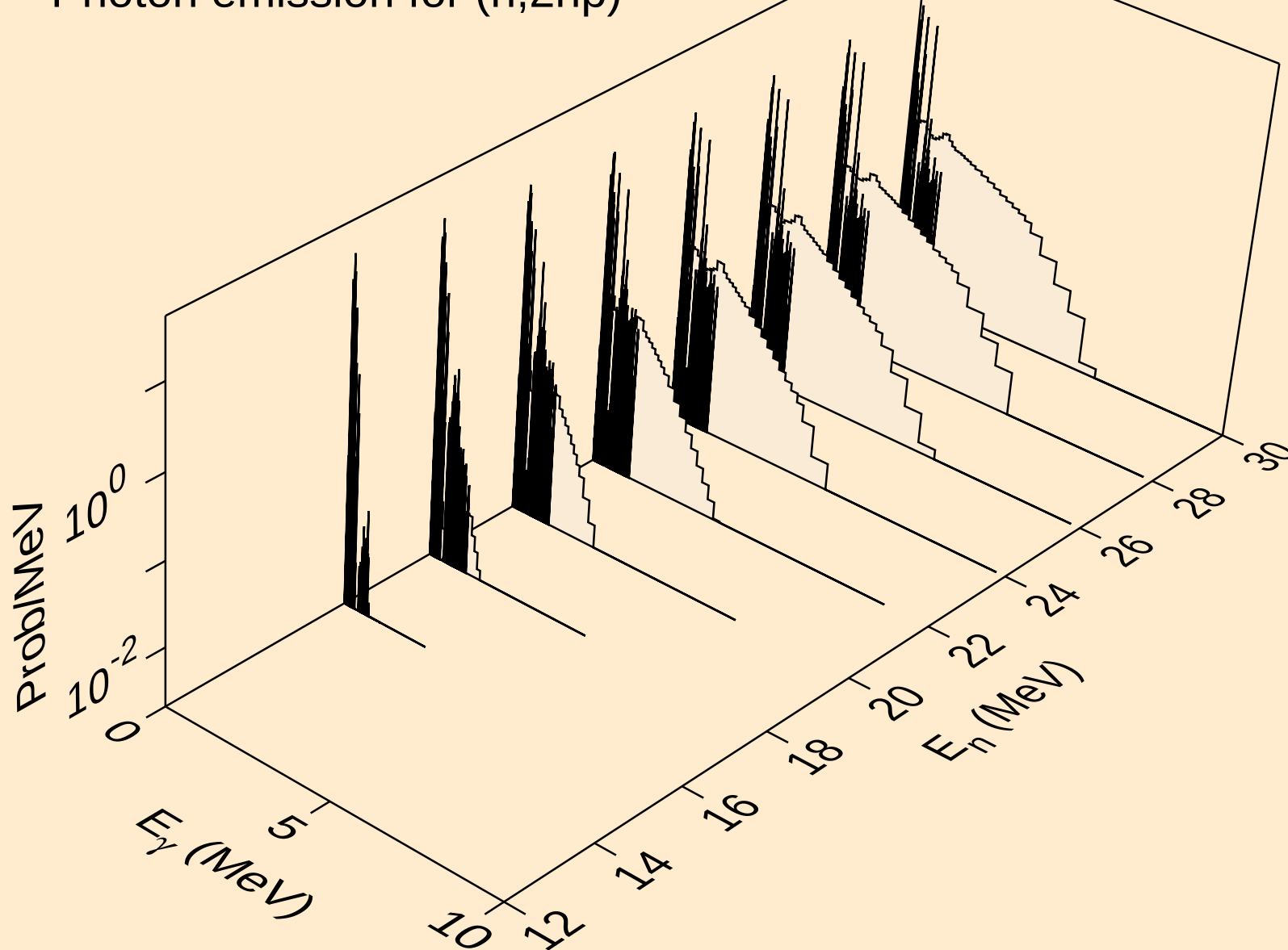
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Photon emission for (n,n*)he3



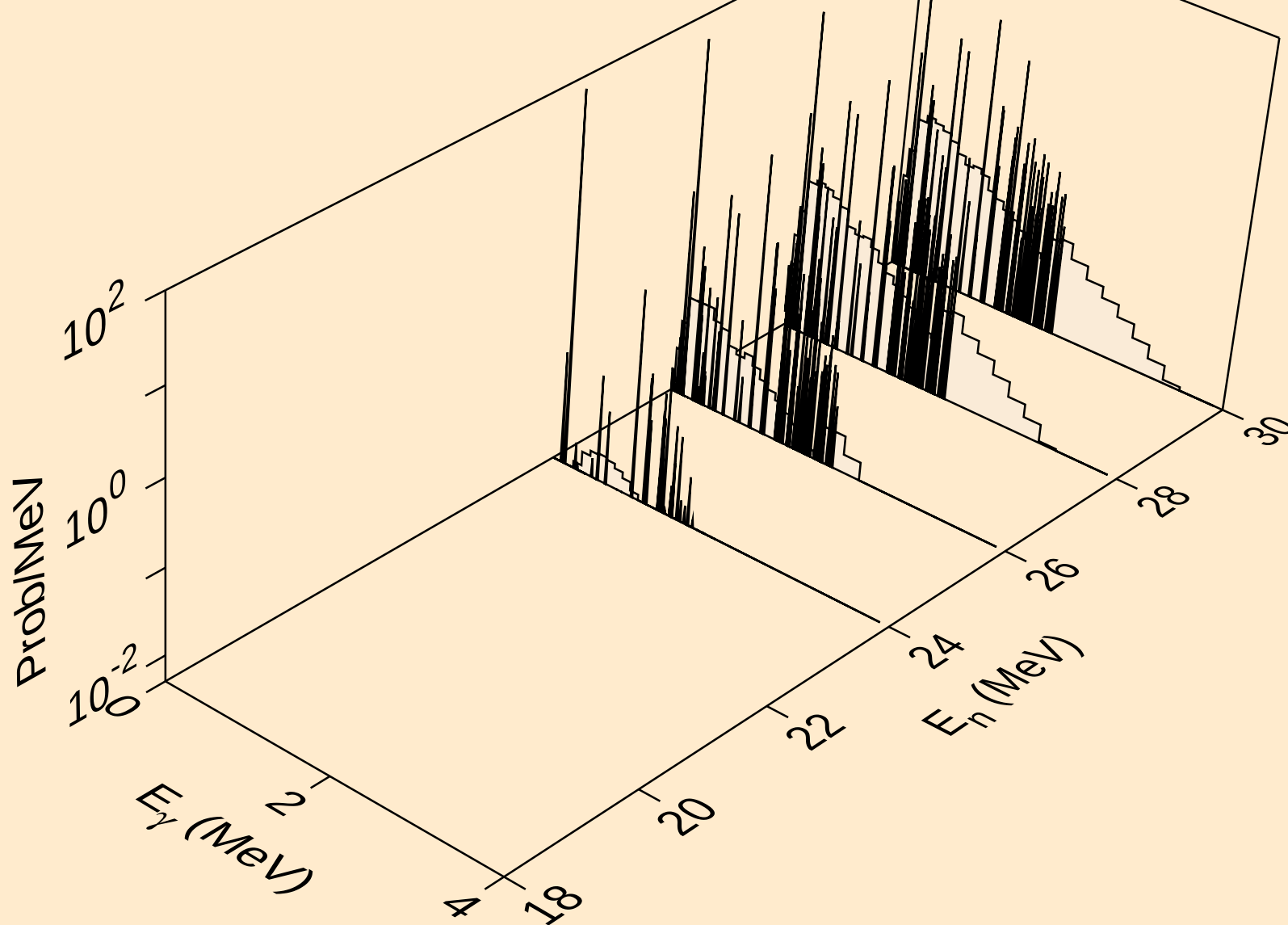
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Photon emission for (n,4n)



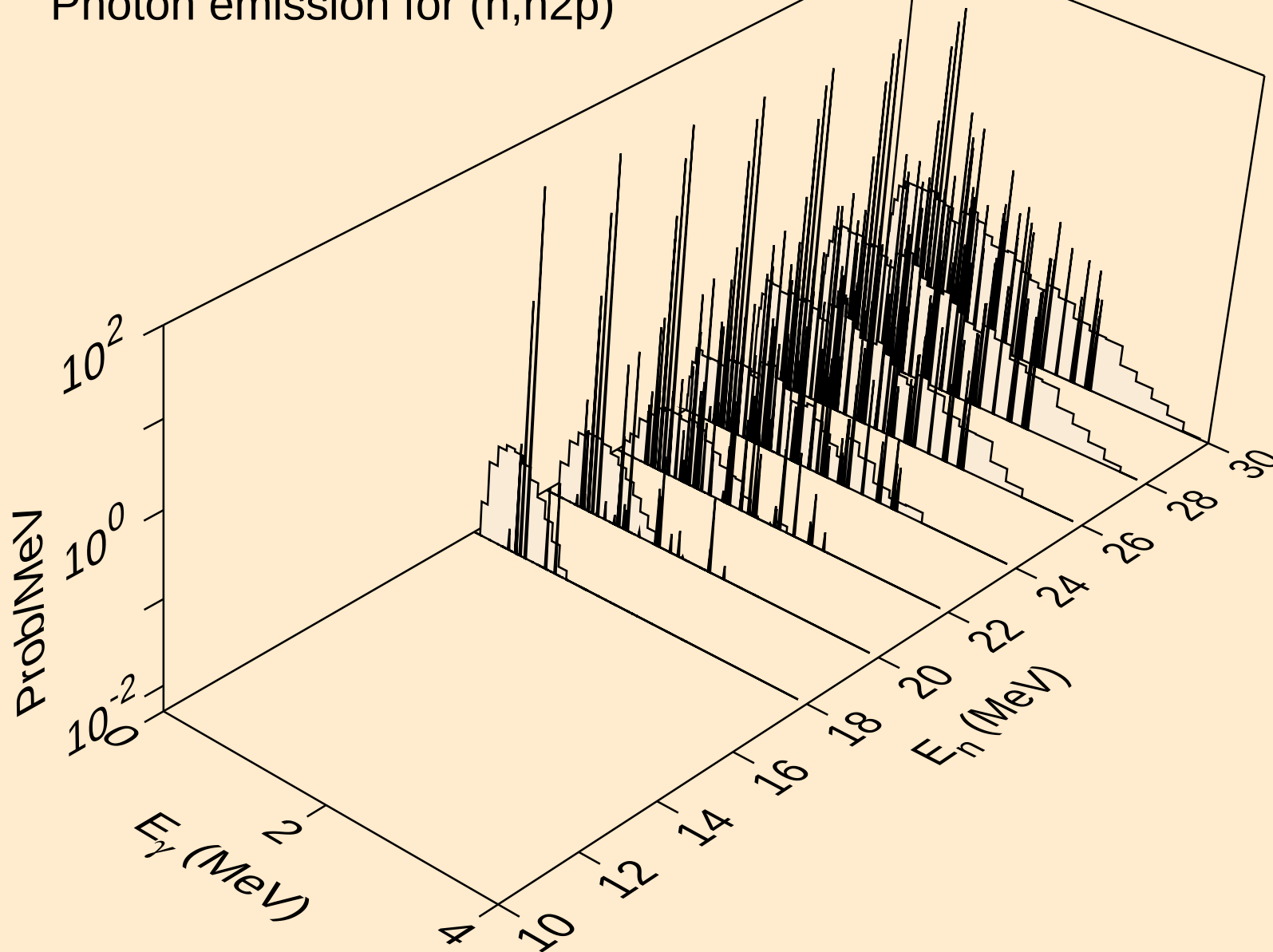
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Photon emission for (n,2np)



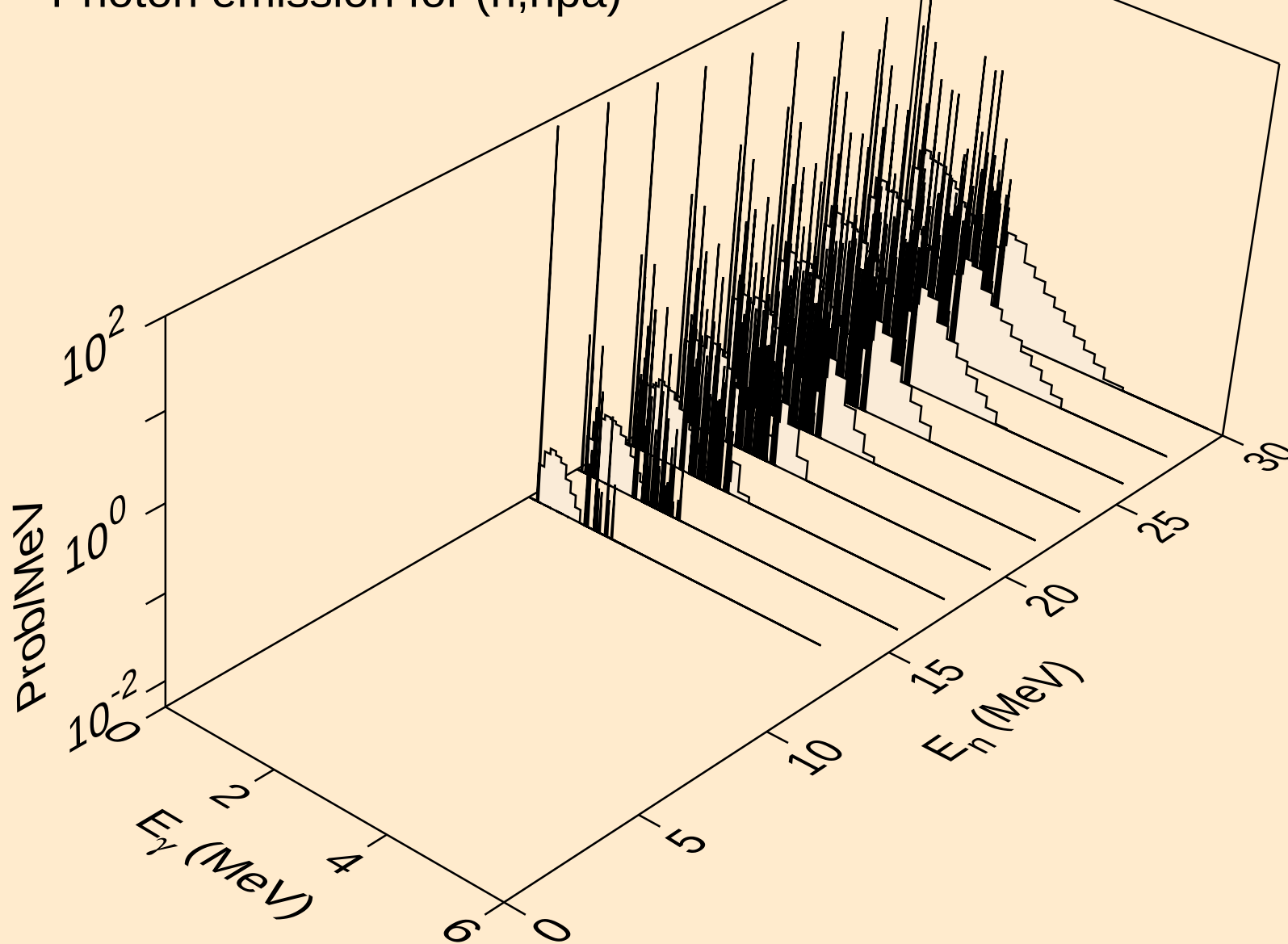
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for $(n,3np)$



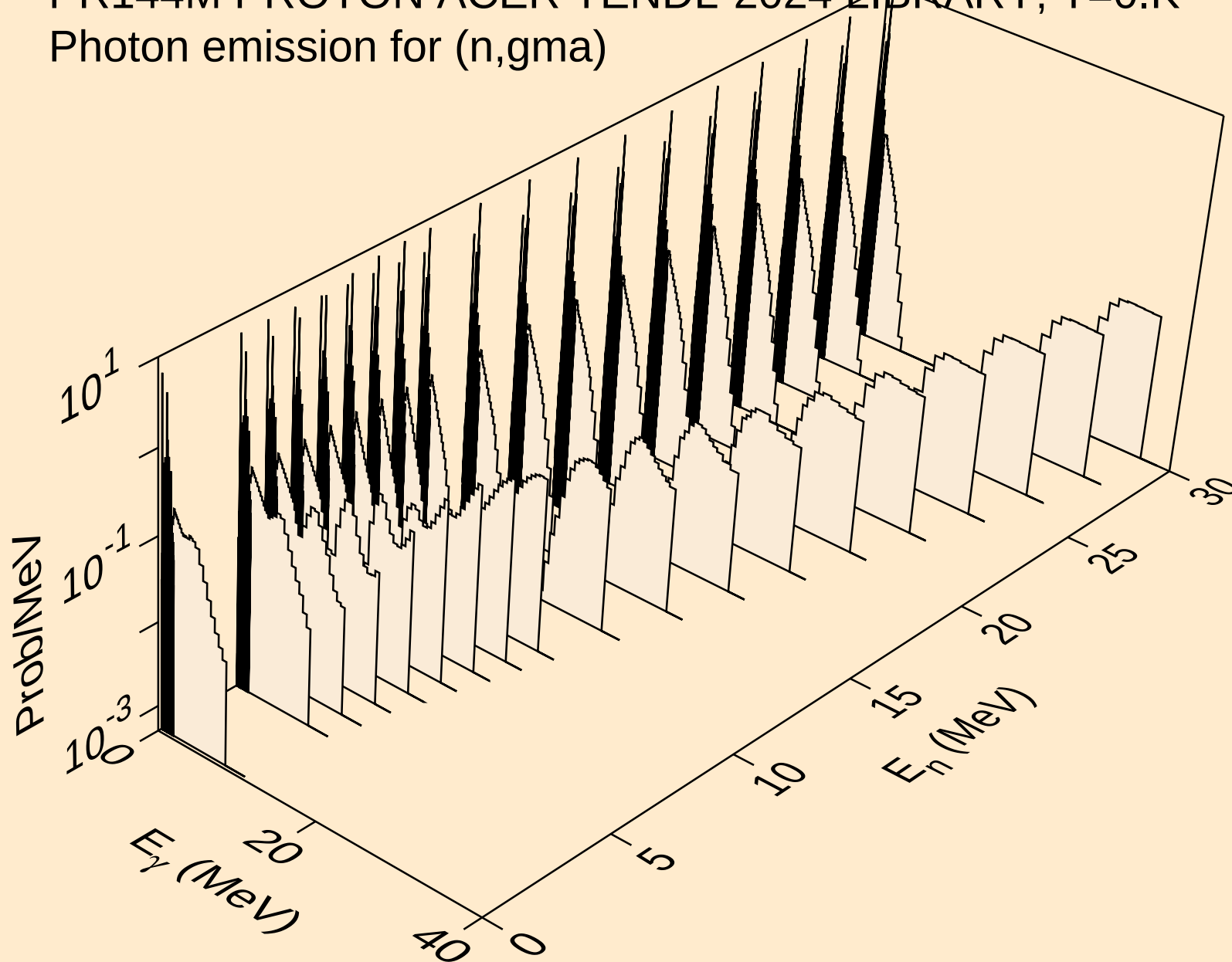
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Photon emission for (n,n2p)



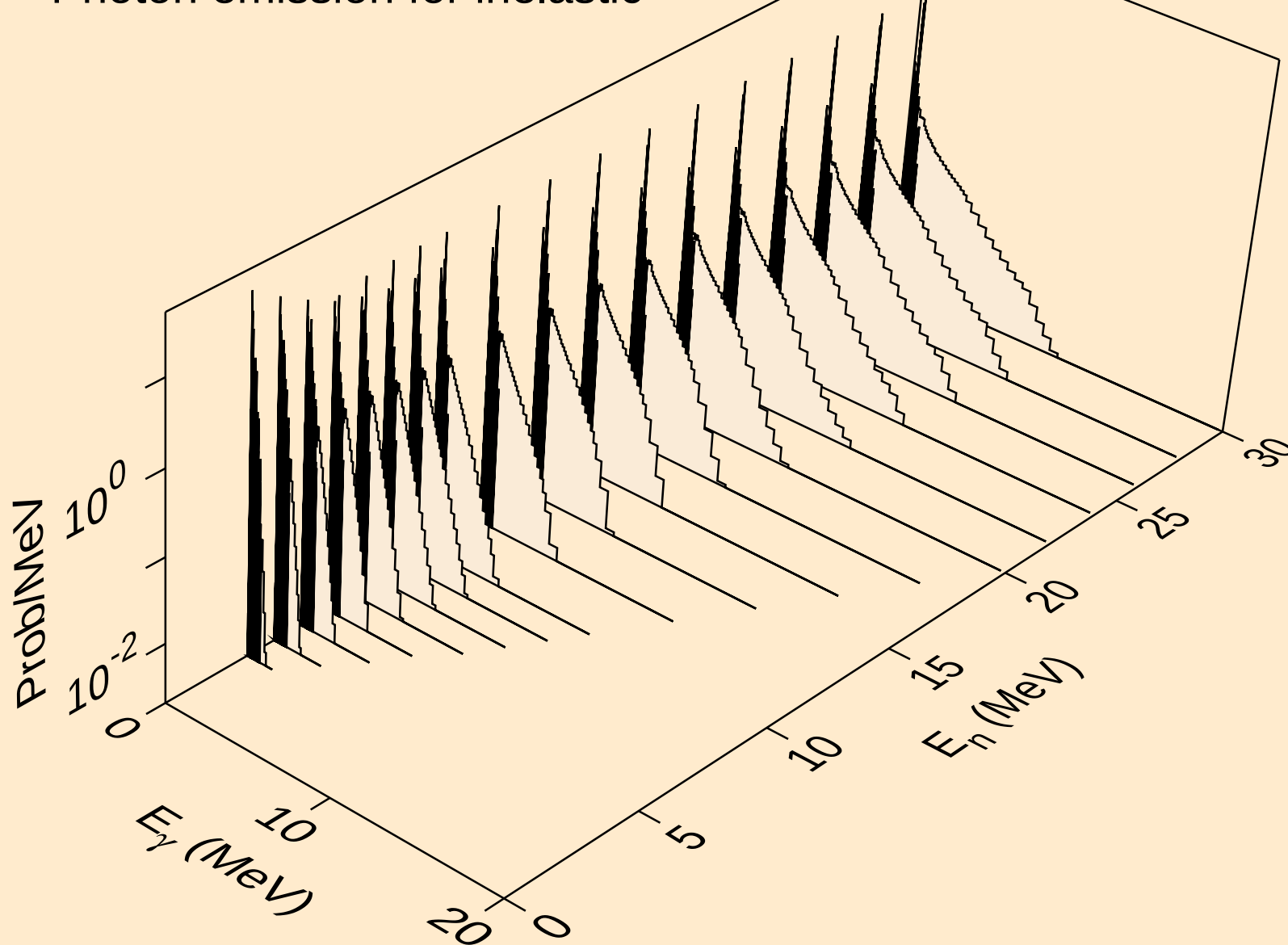
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,npa)



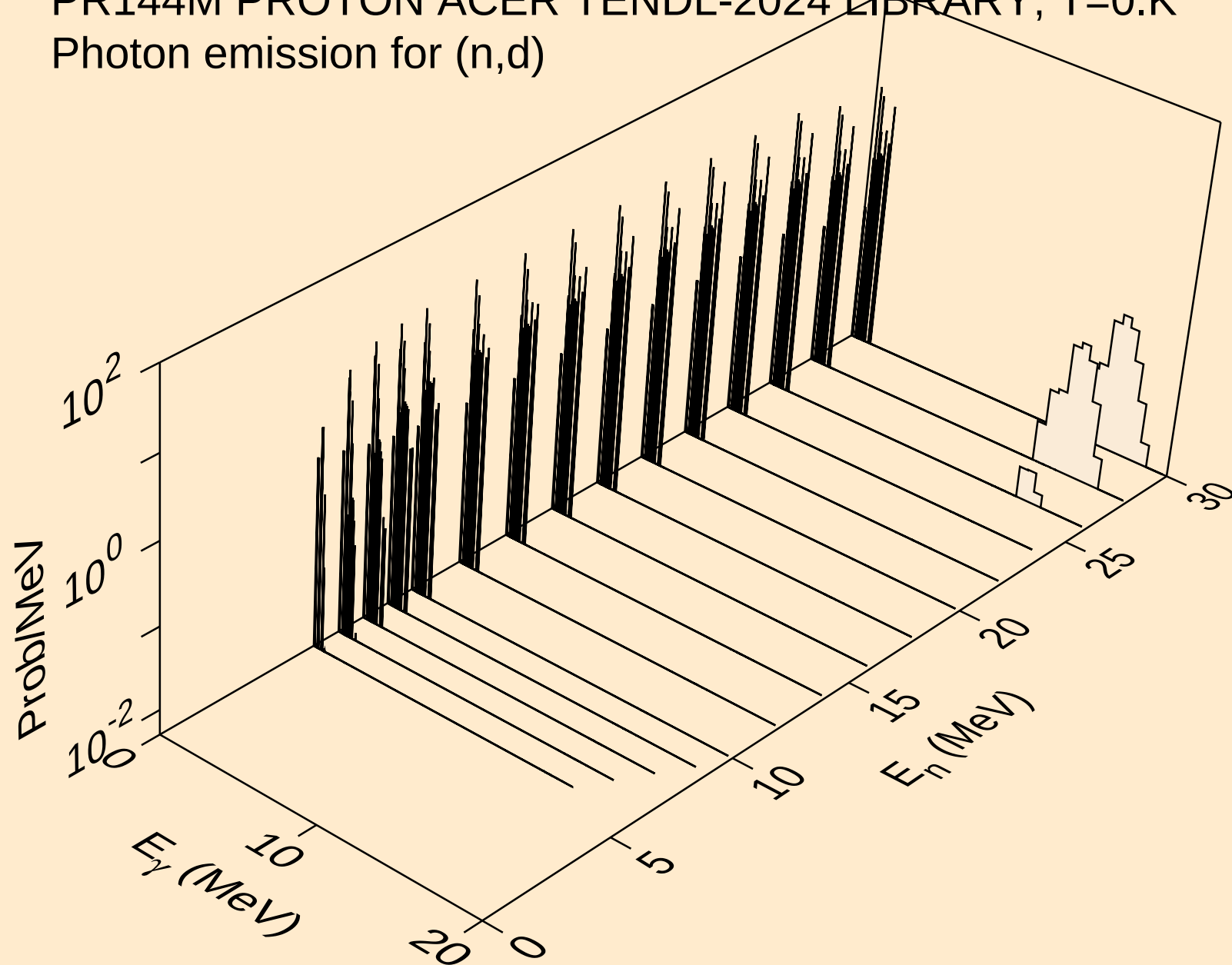
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



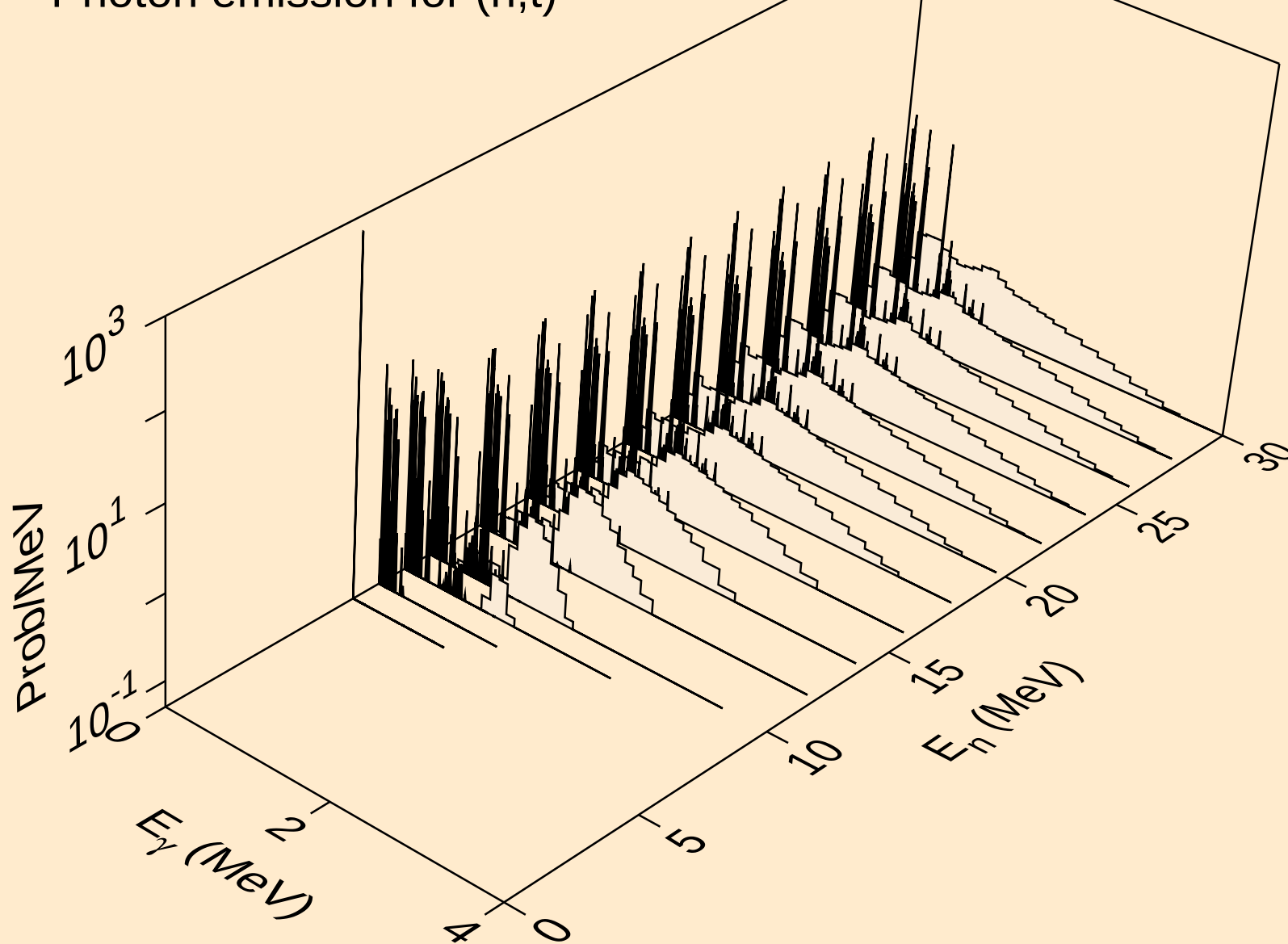
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for inelastic



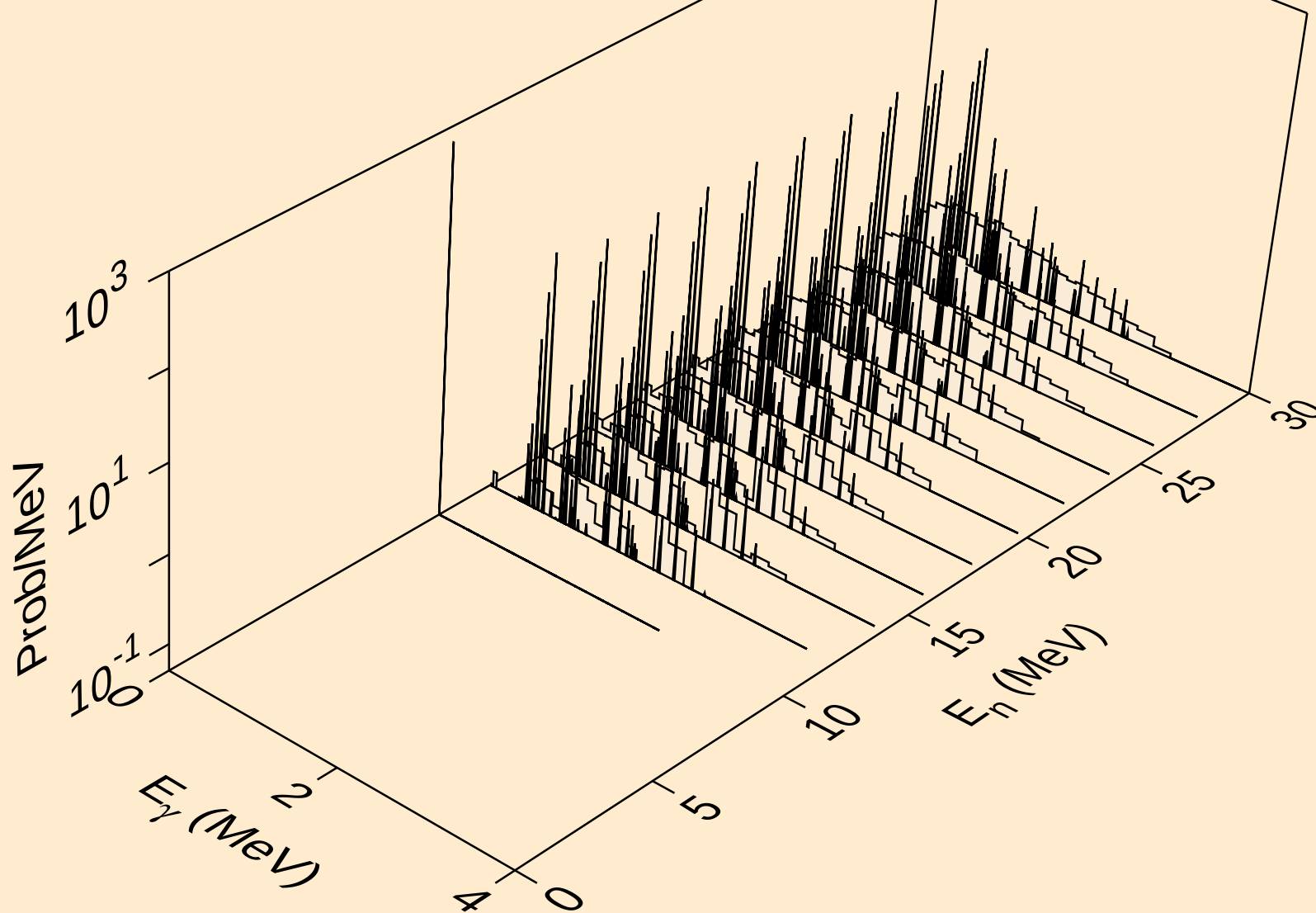
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Photon emission for (n,d)



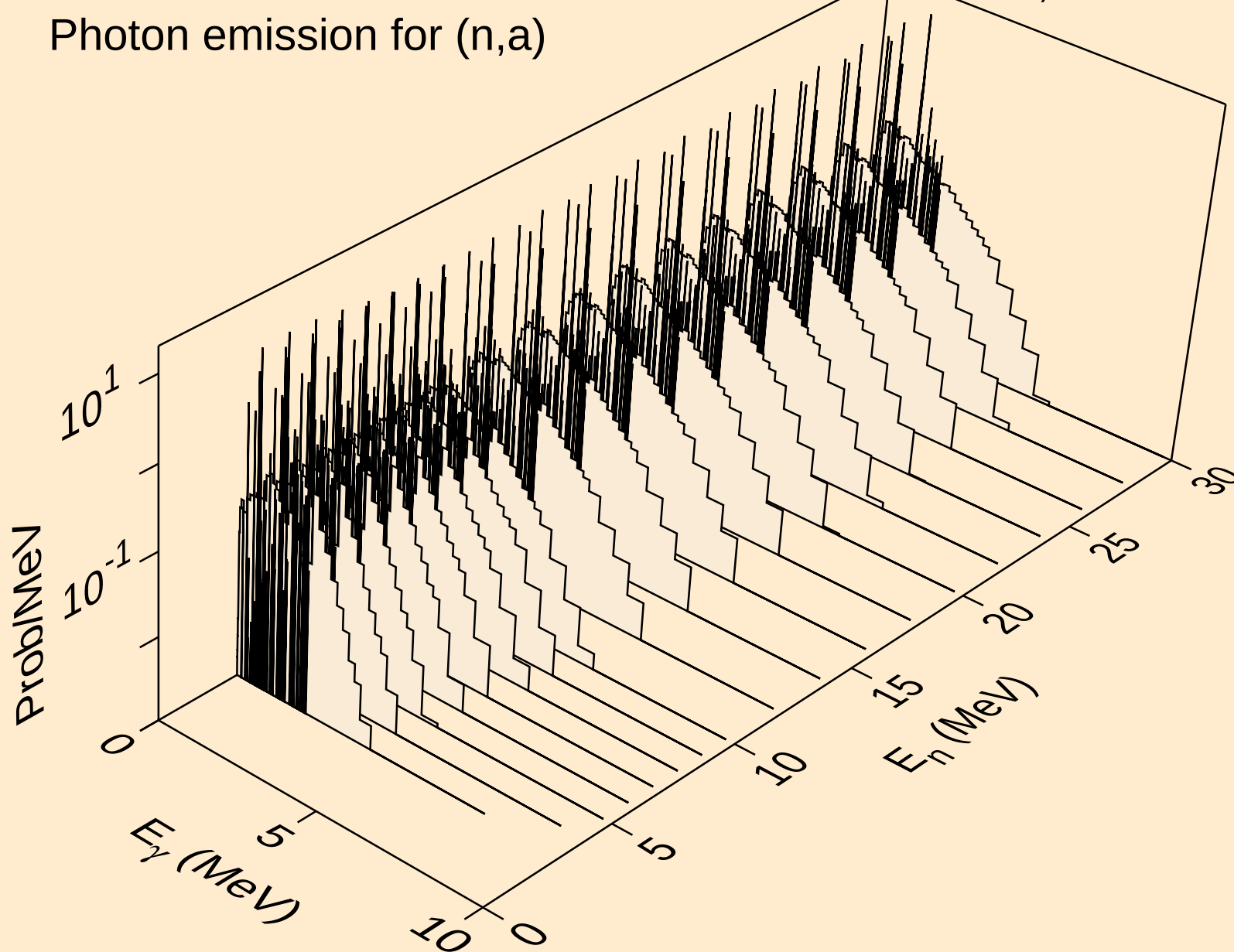
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,t)



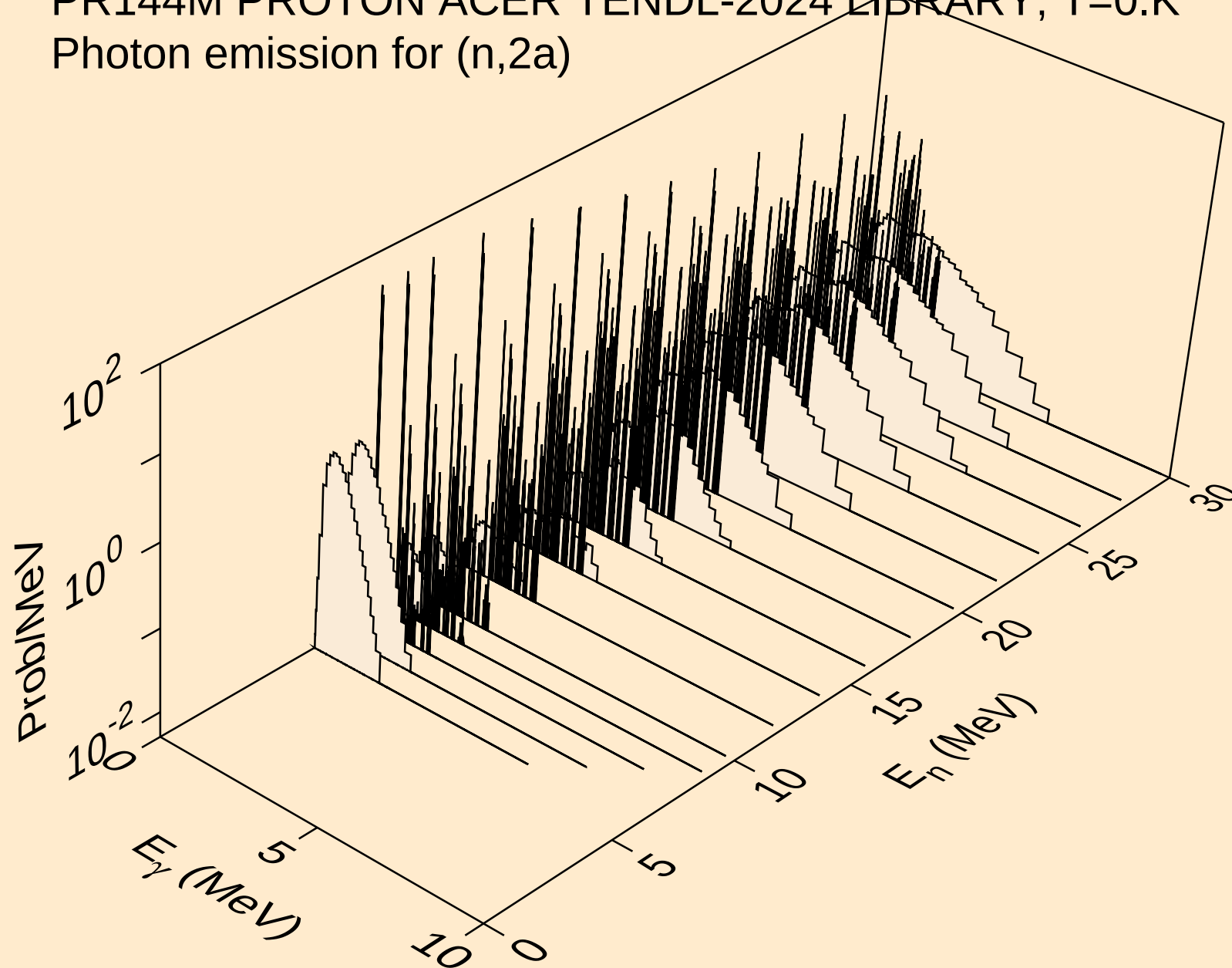
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,he3)



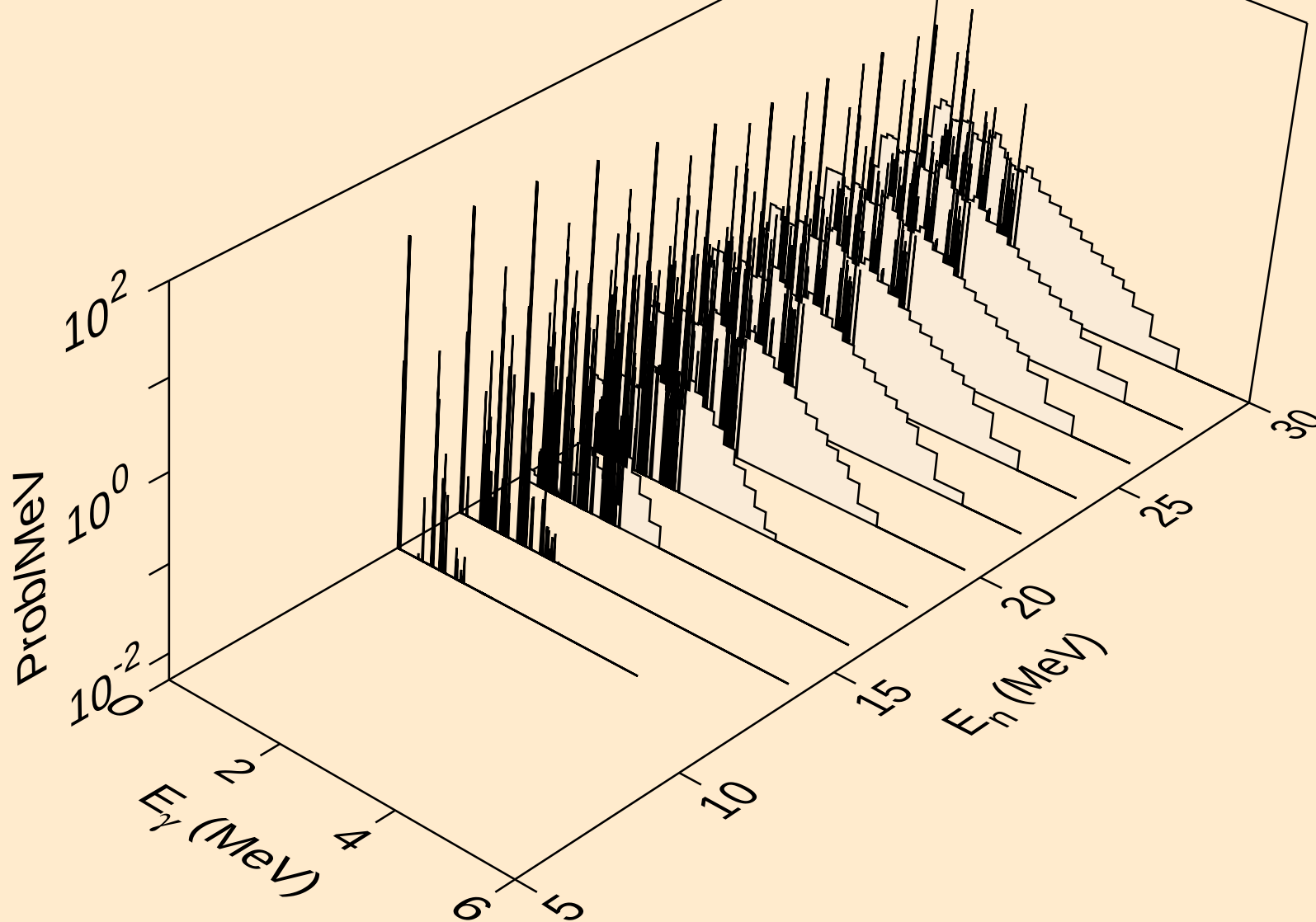
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,a)



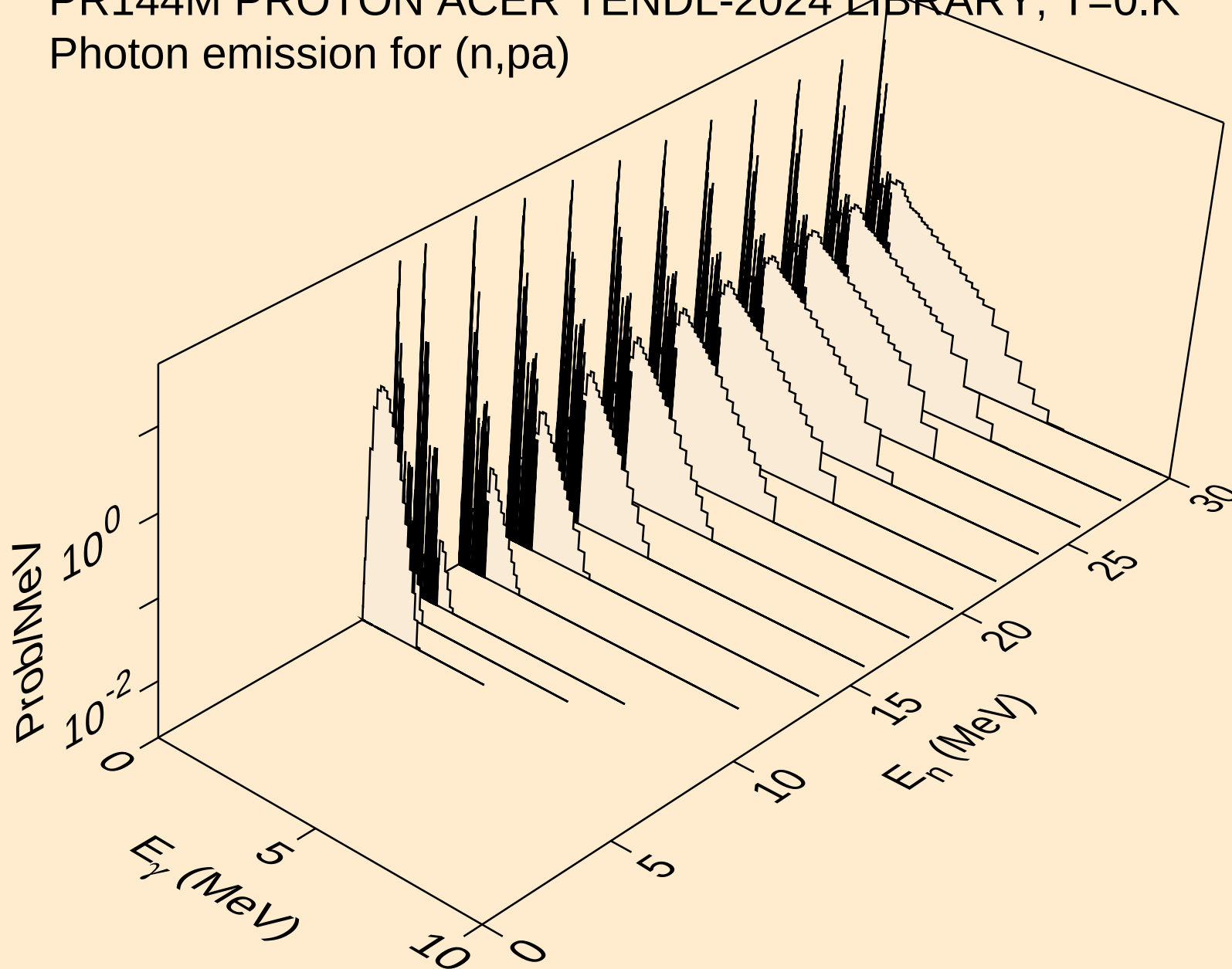
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
Photon emission for (n,2a)



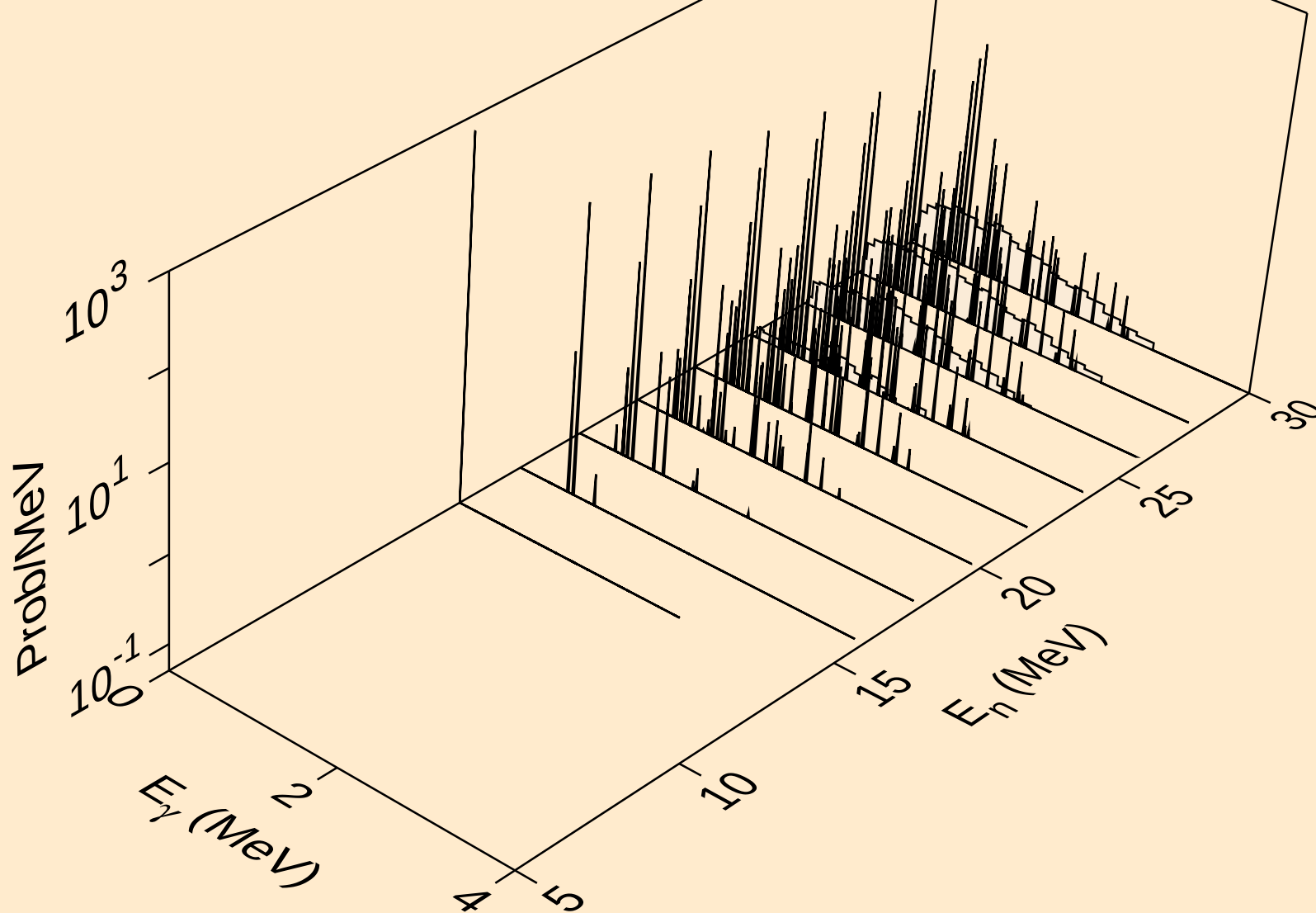
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Photon emission for (n,2p)



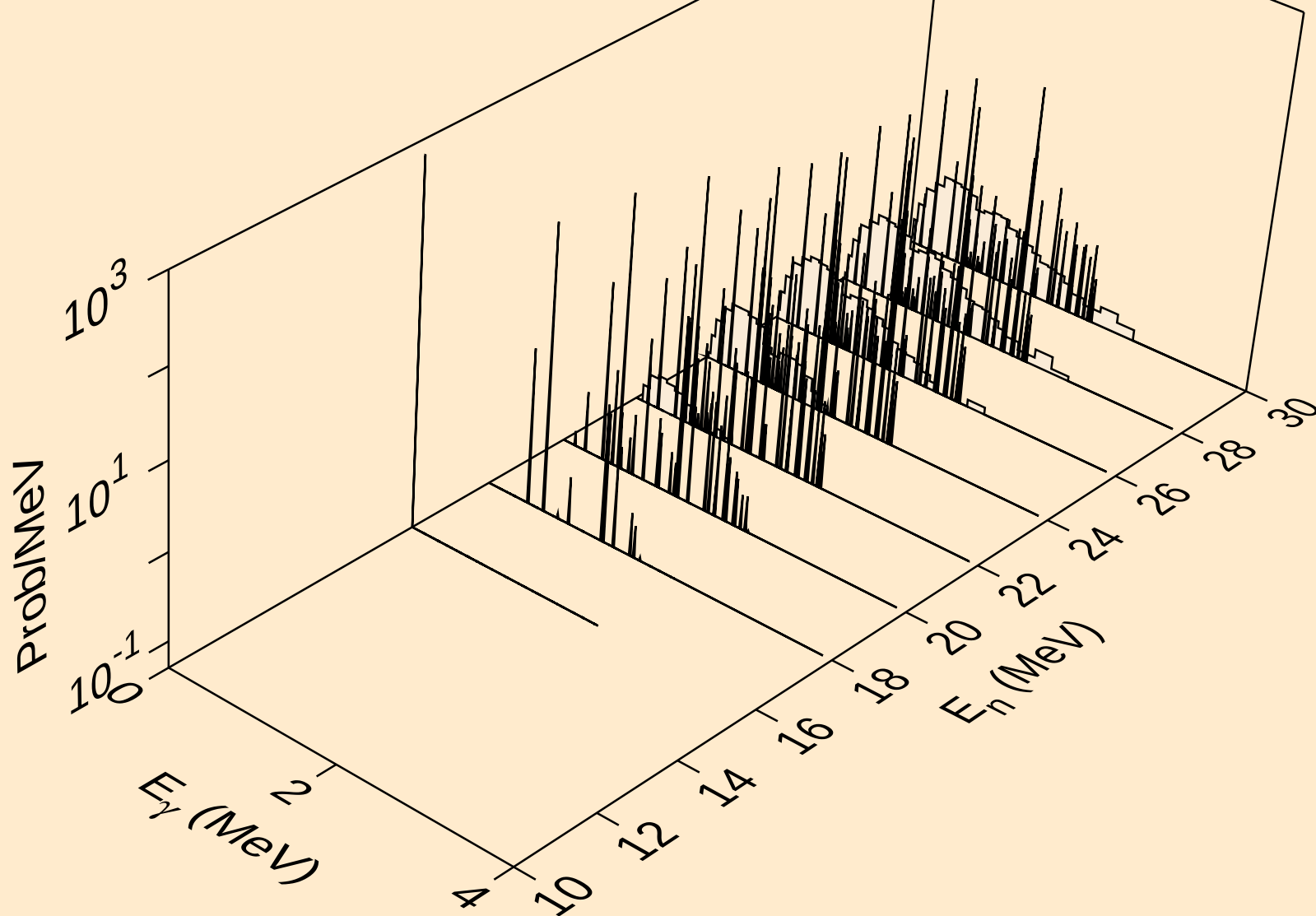
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Photon emission for (n,p α)



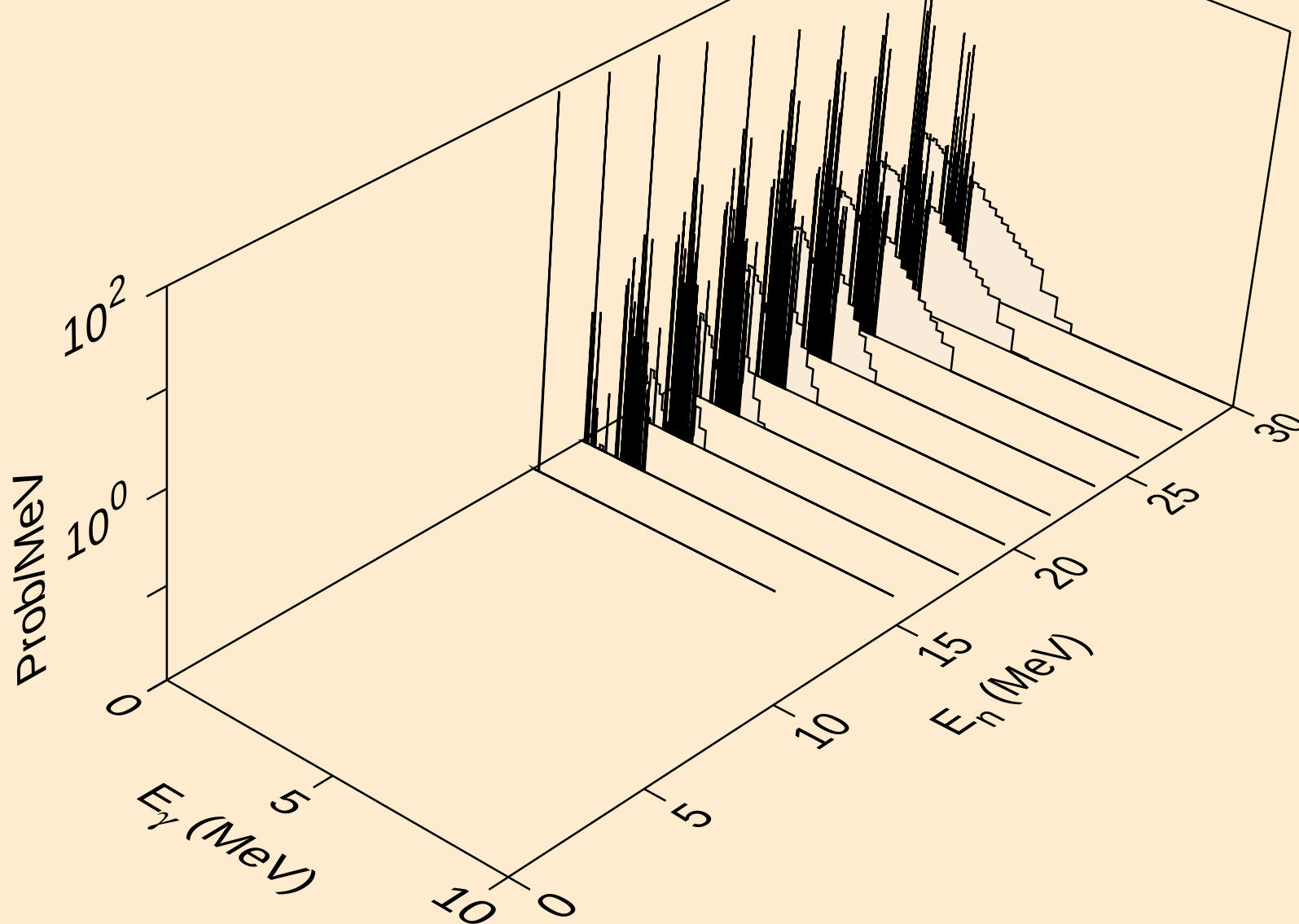
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



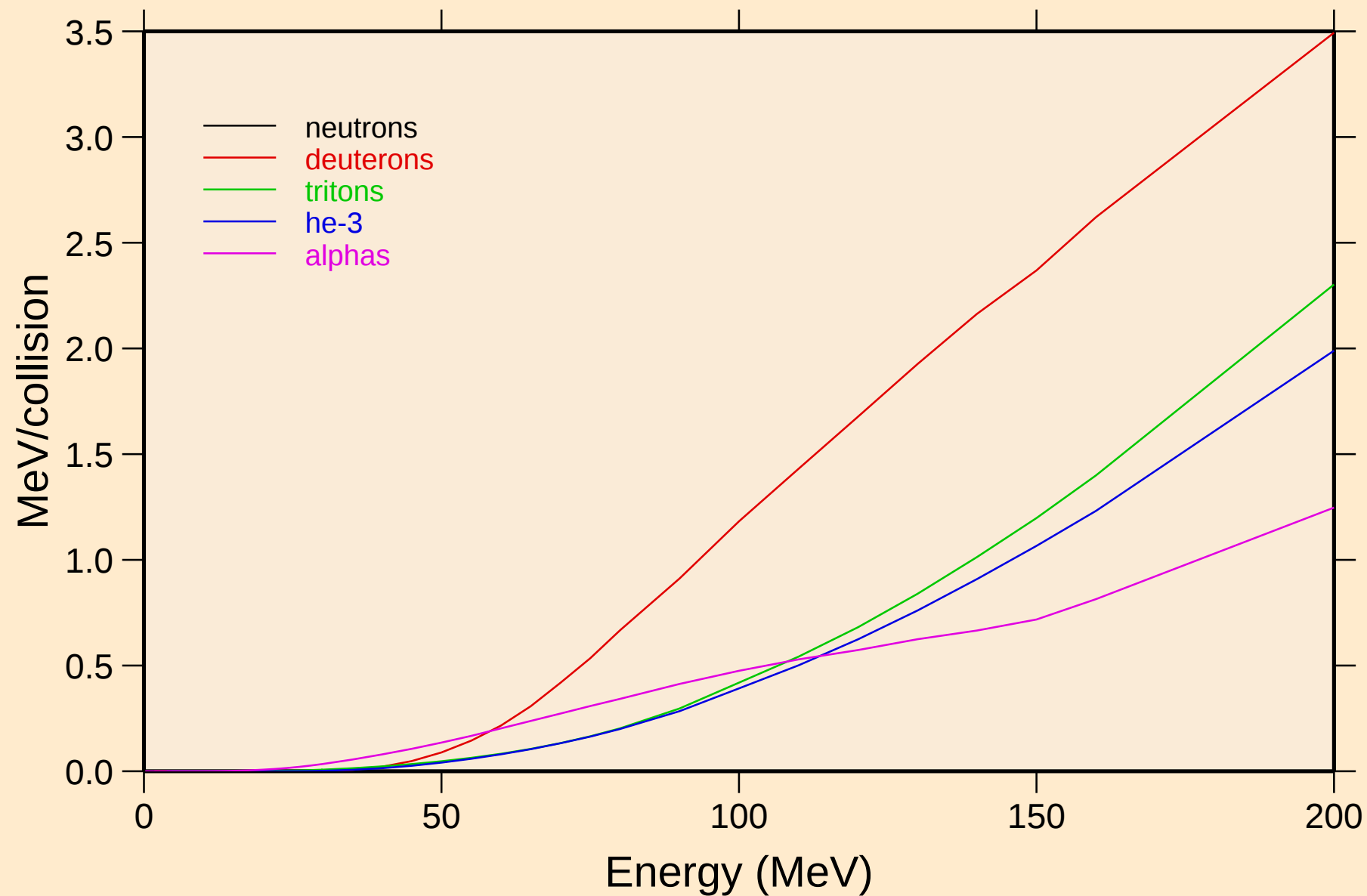
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)



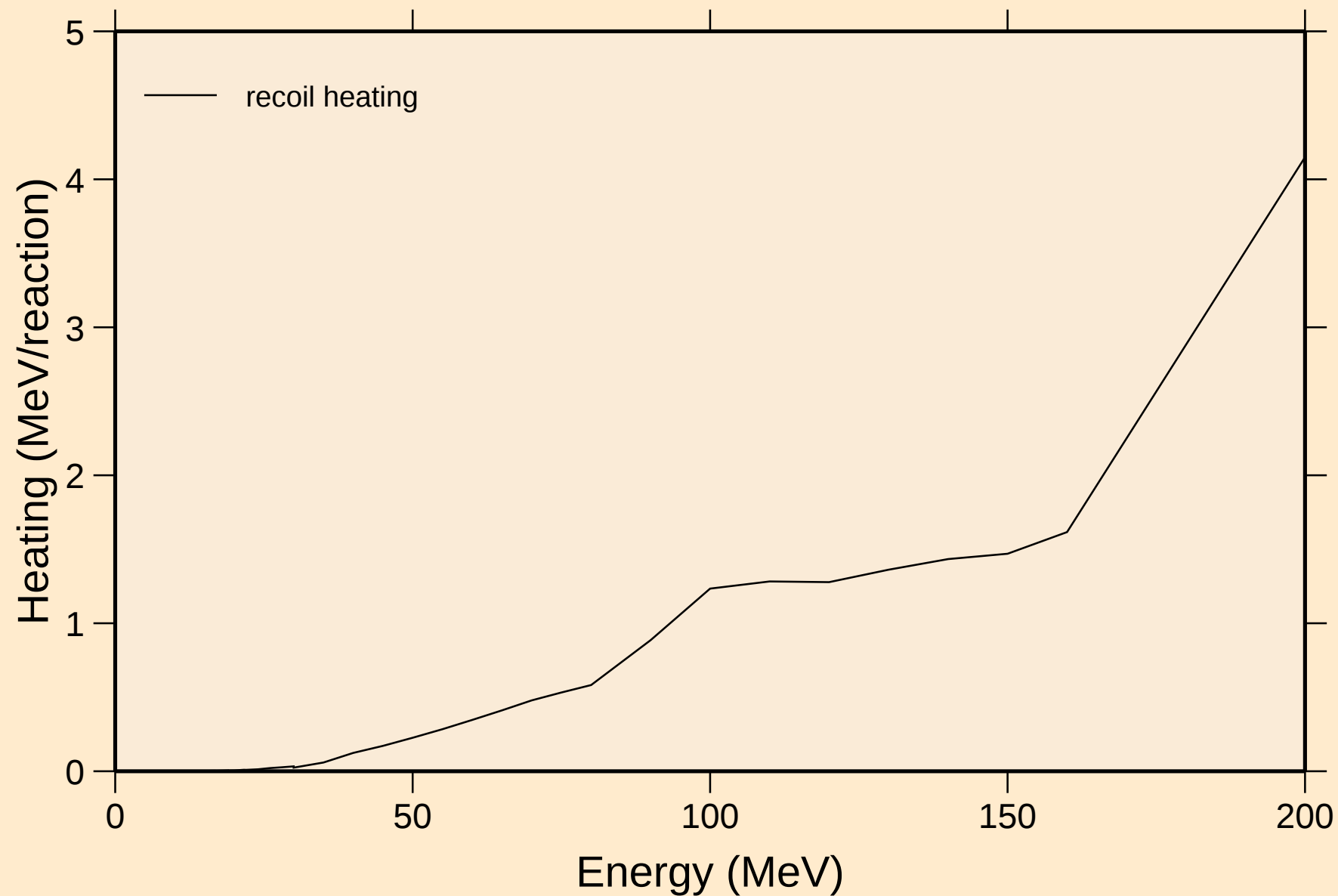
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
Particle heating contributions

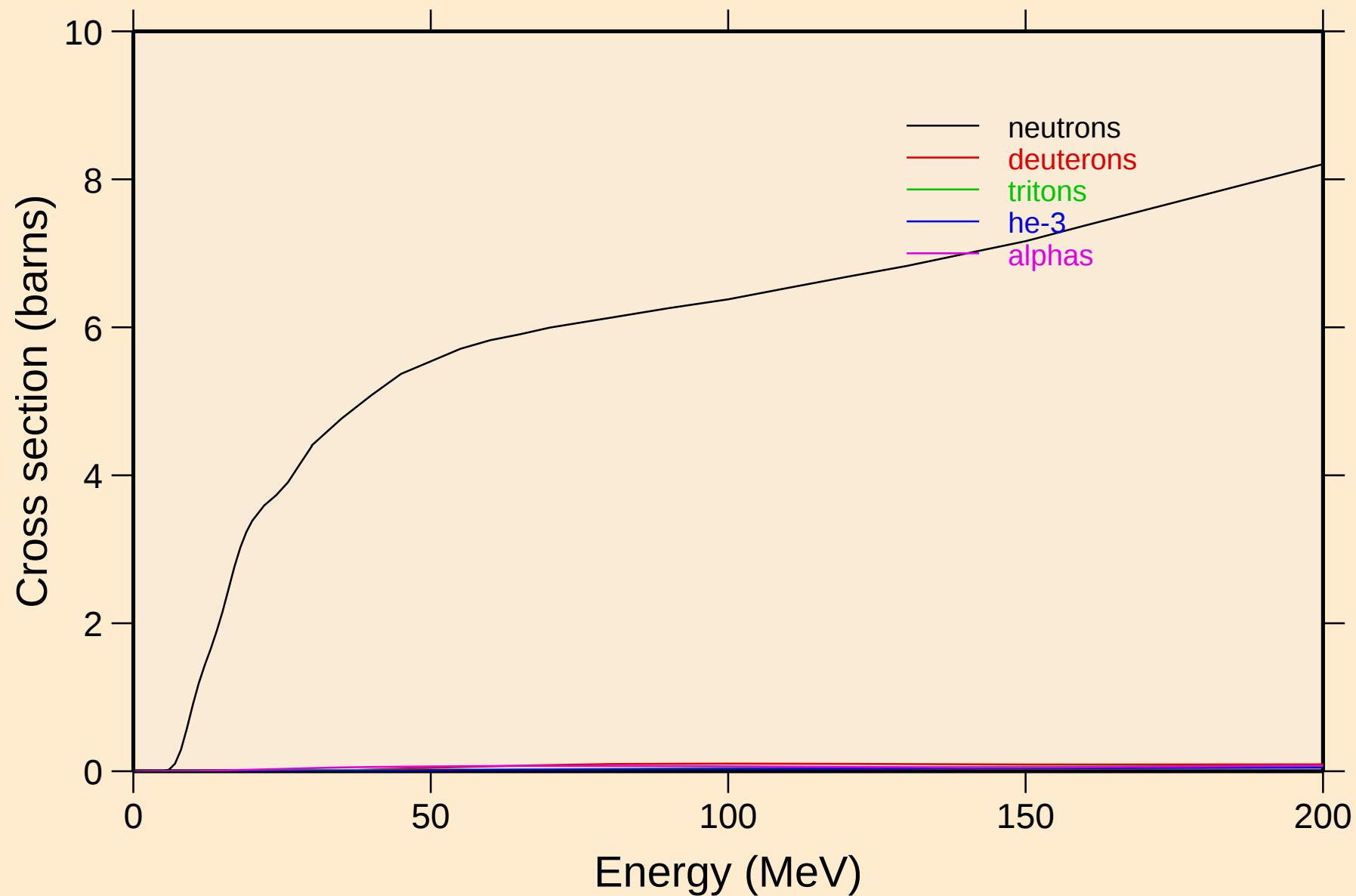


PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
Recoil Heating

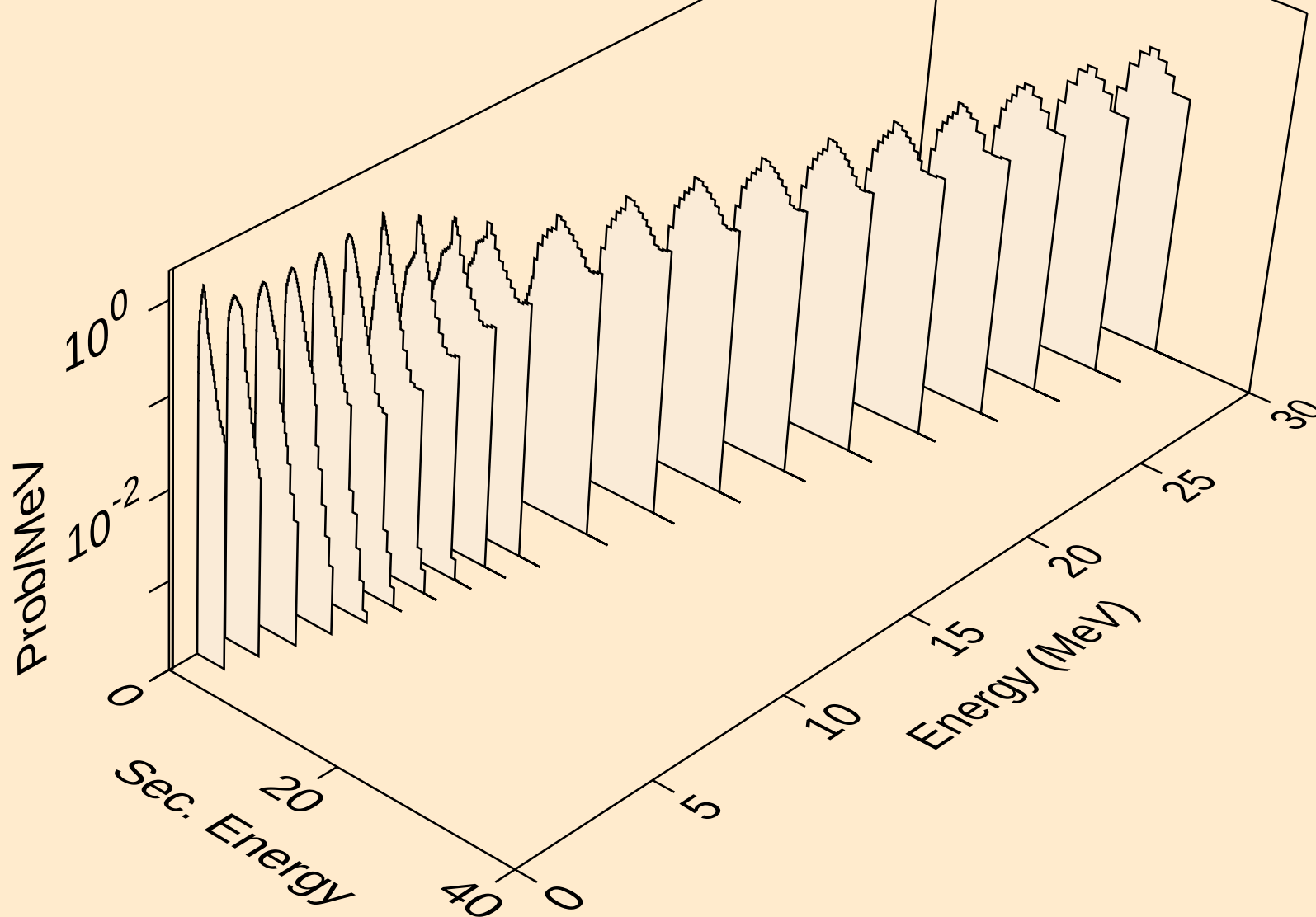


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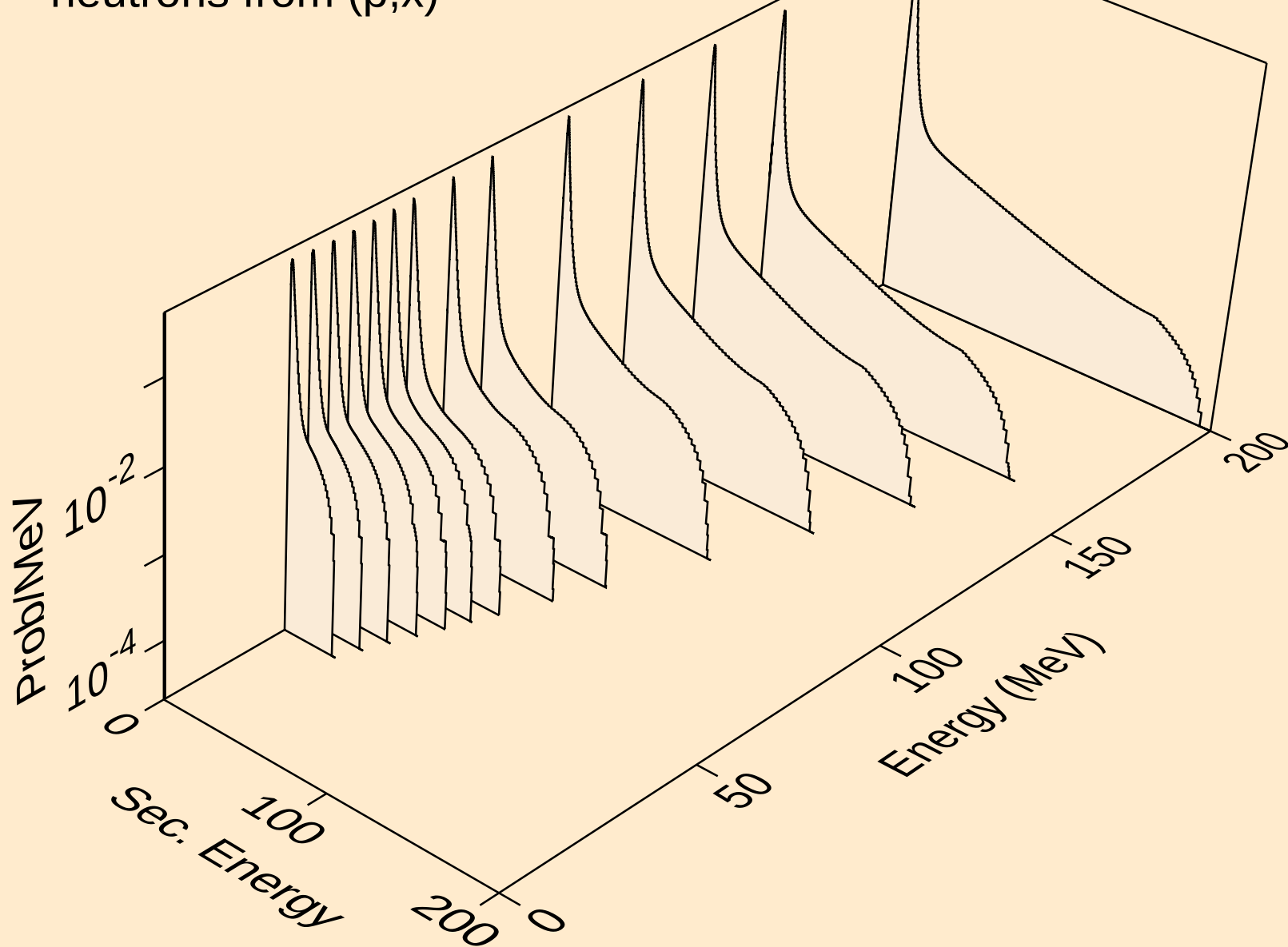
Particle production cross sections



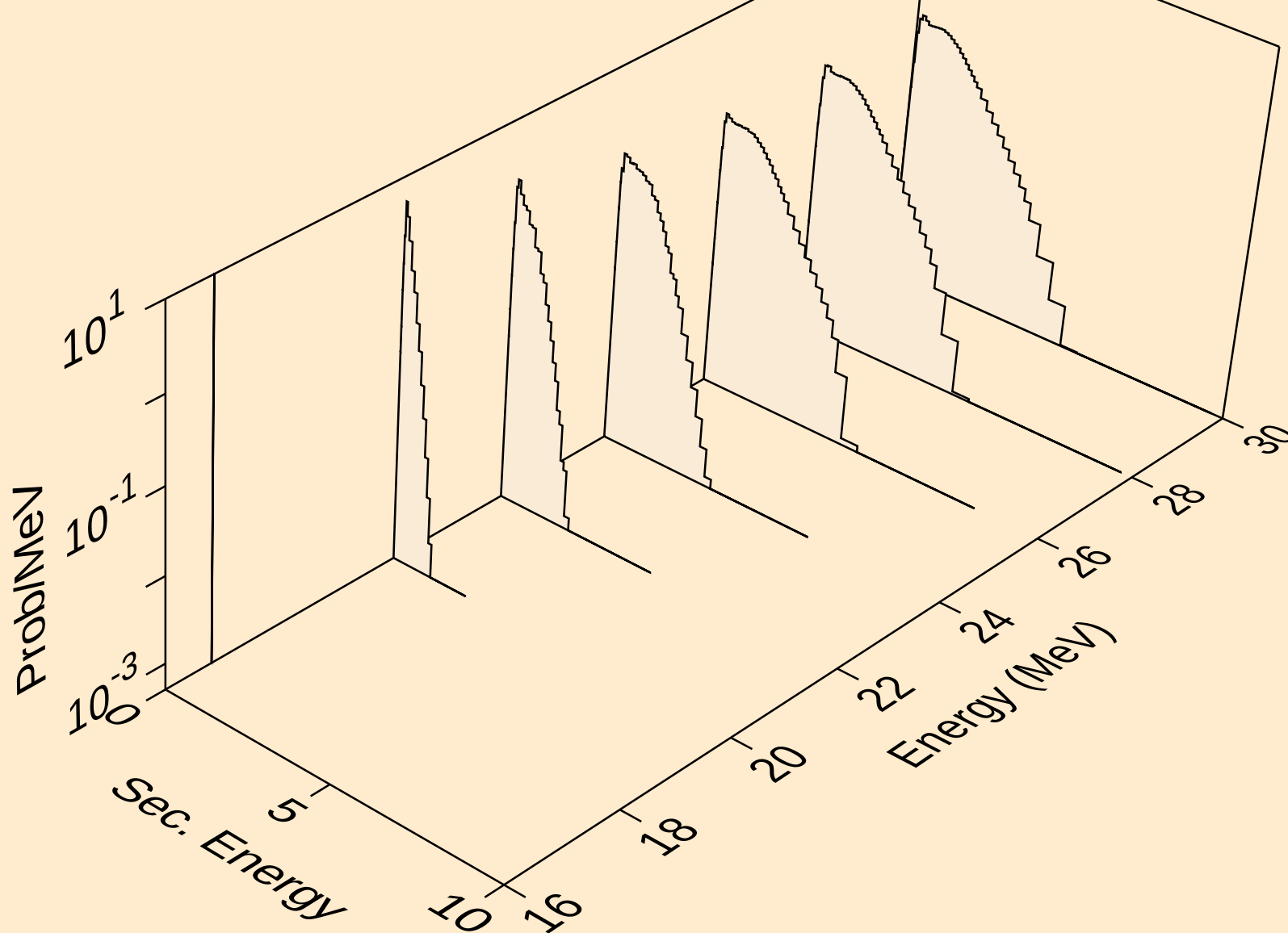
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n)



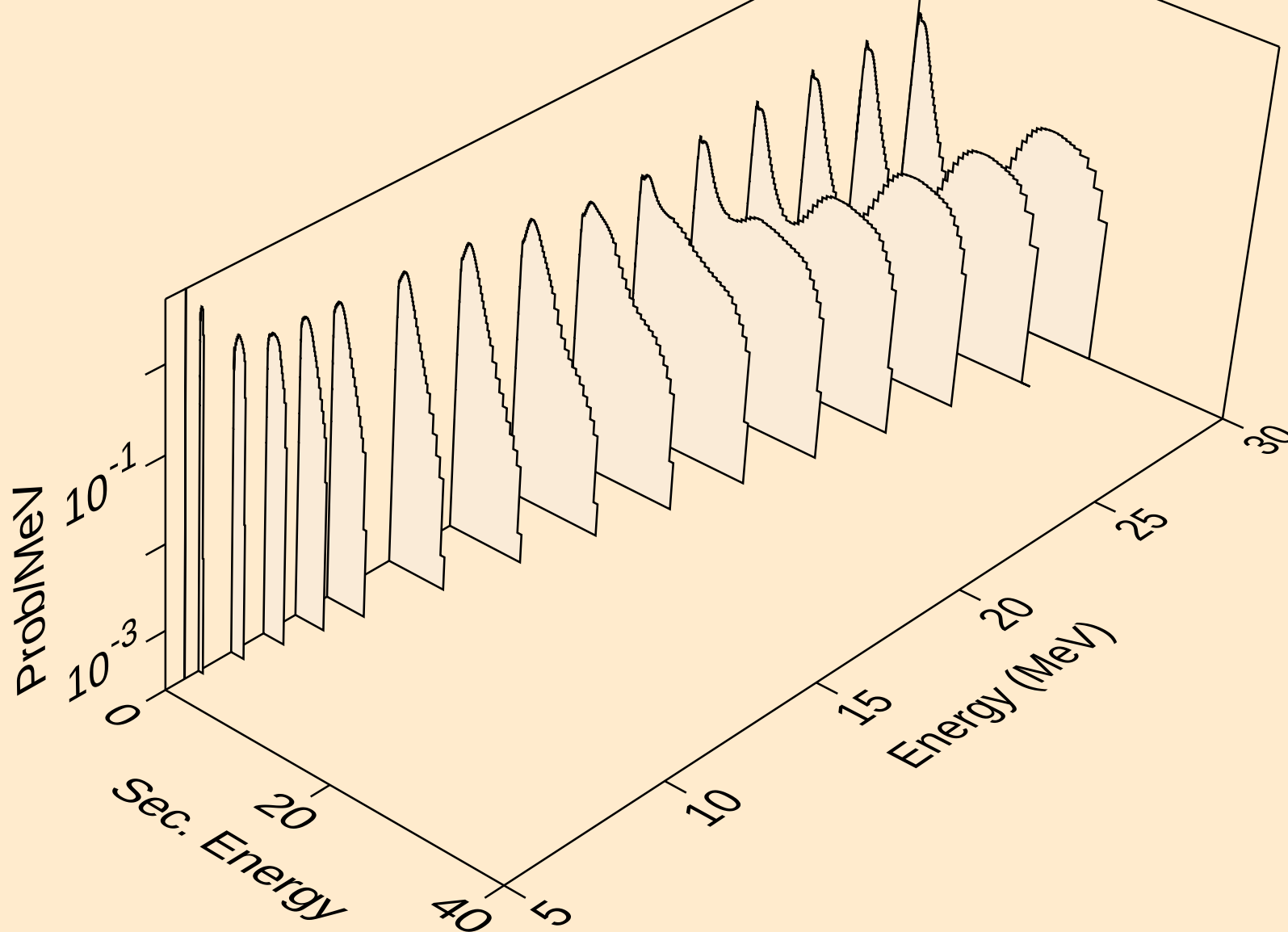
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,x)



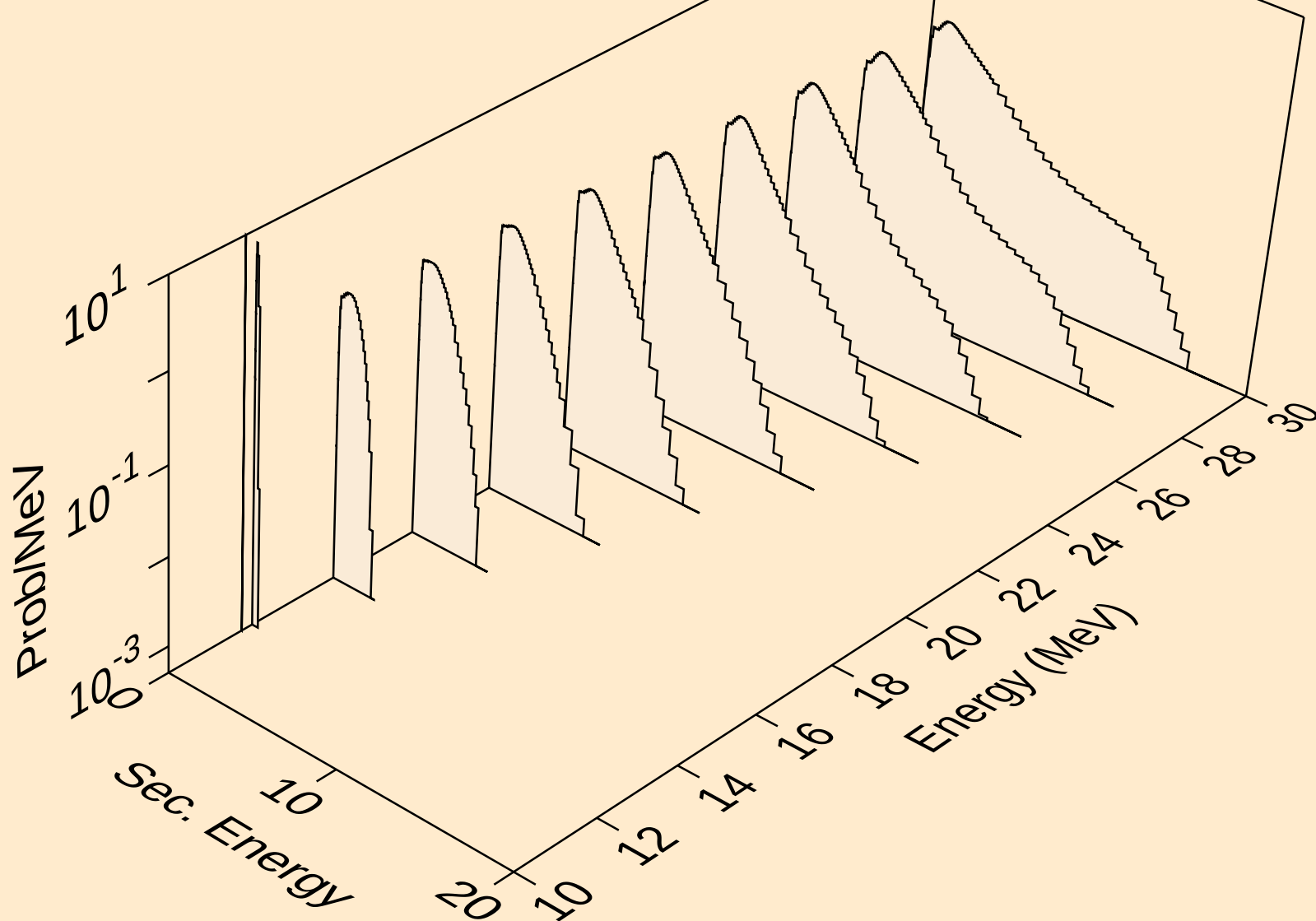
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,2nd)



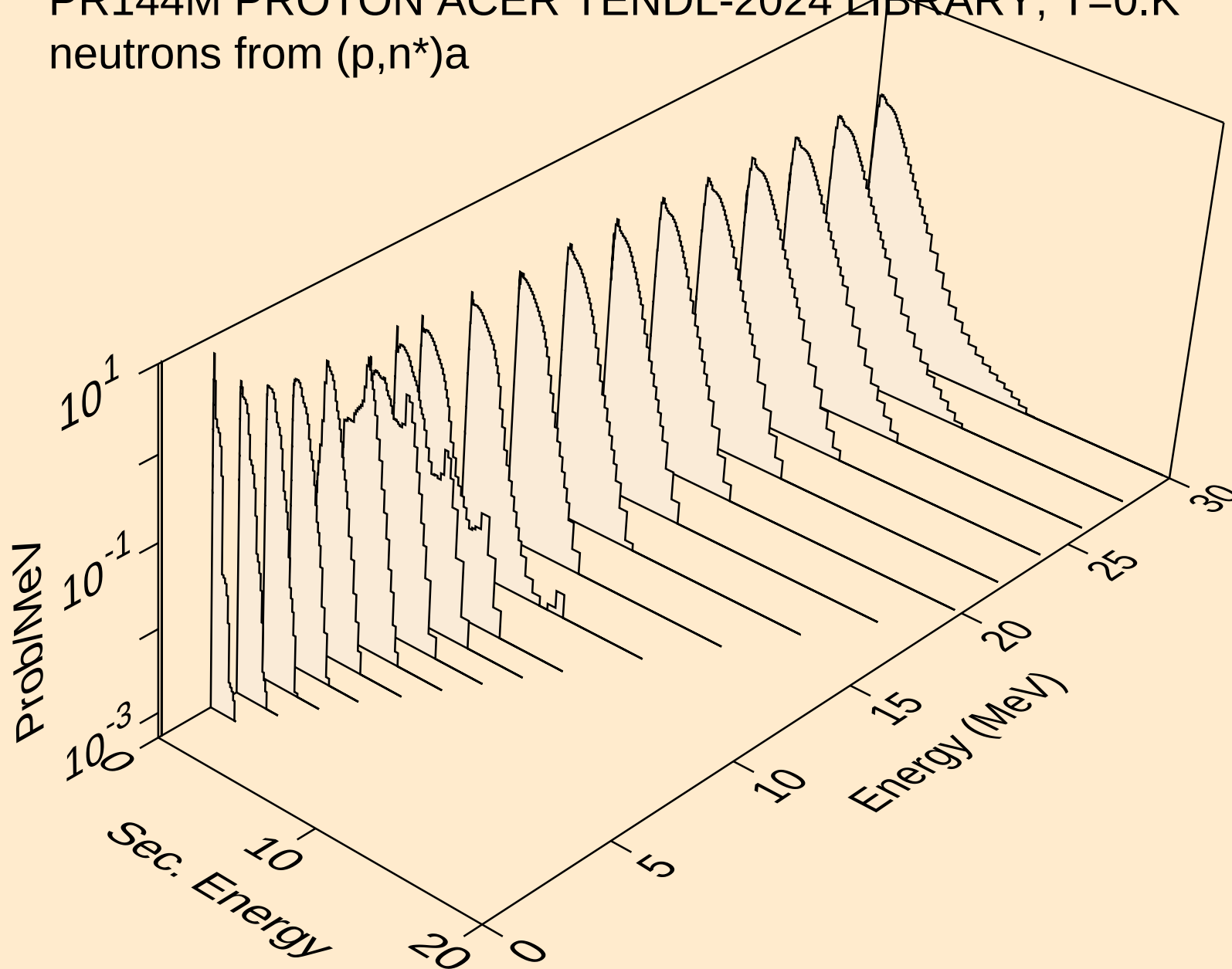
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
neutrons from (p,2n)



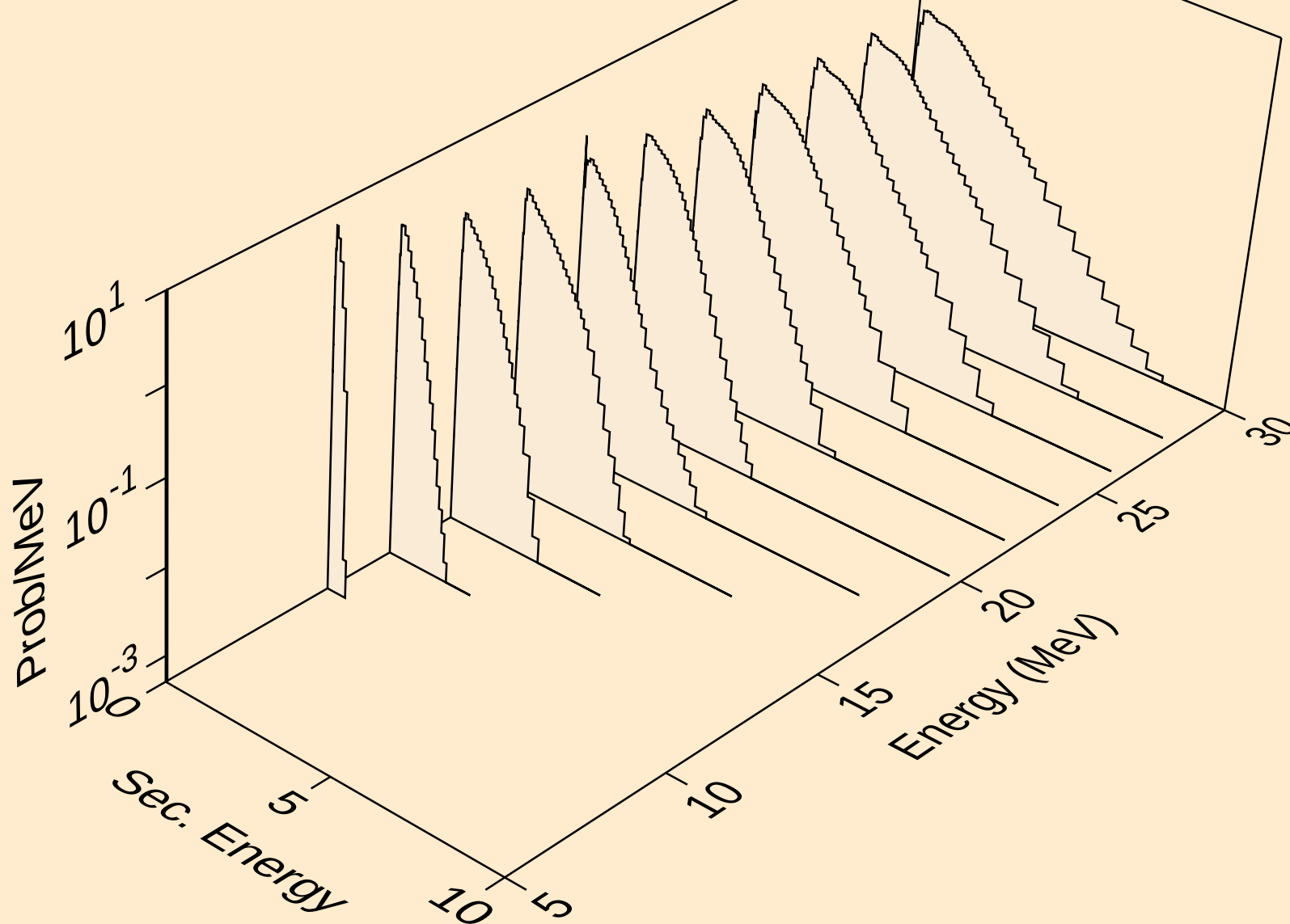
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3n)



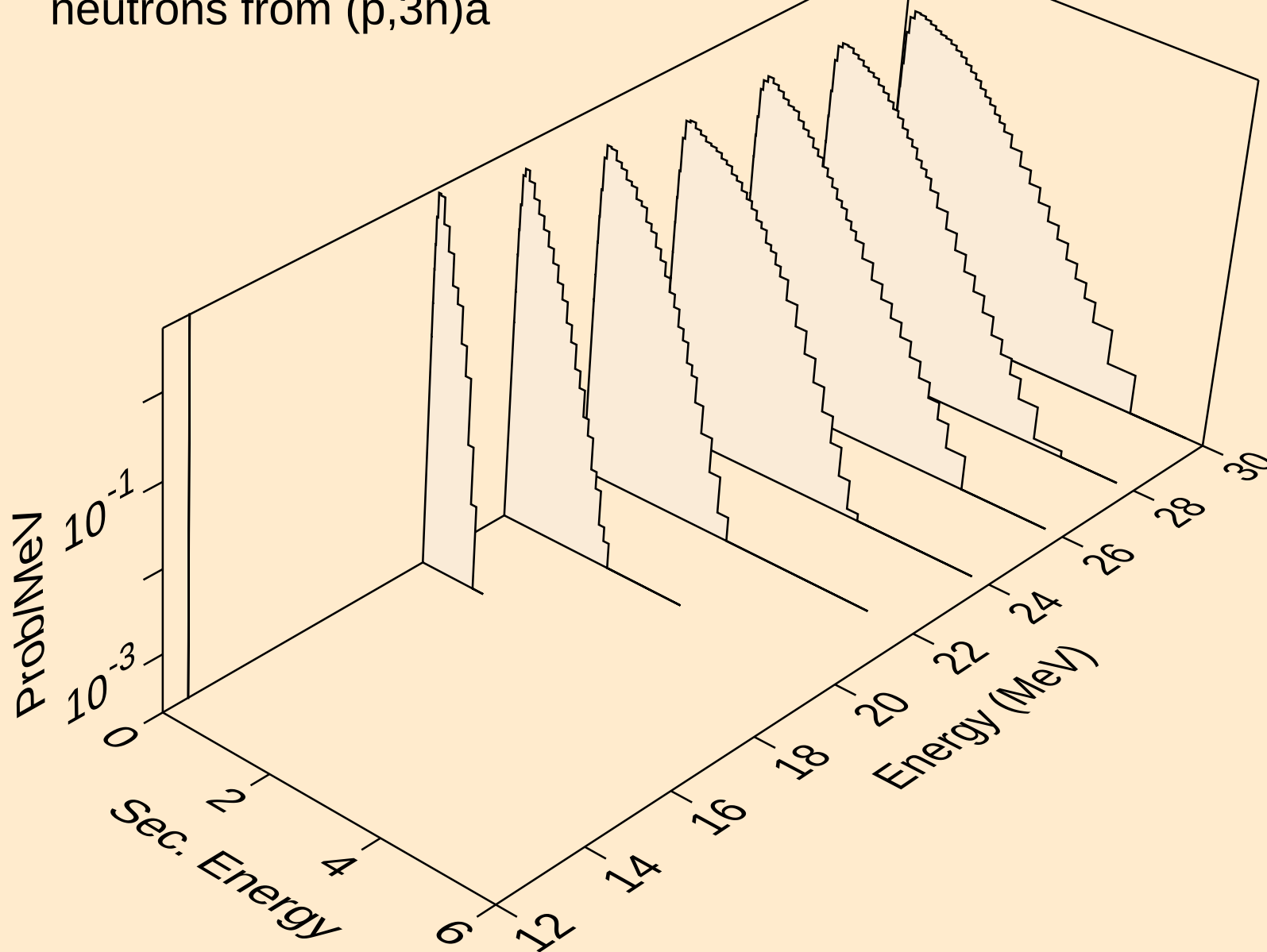
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
neutrons from $(p,n^*)a$



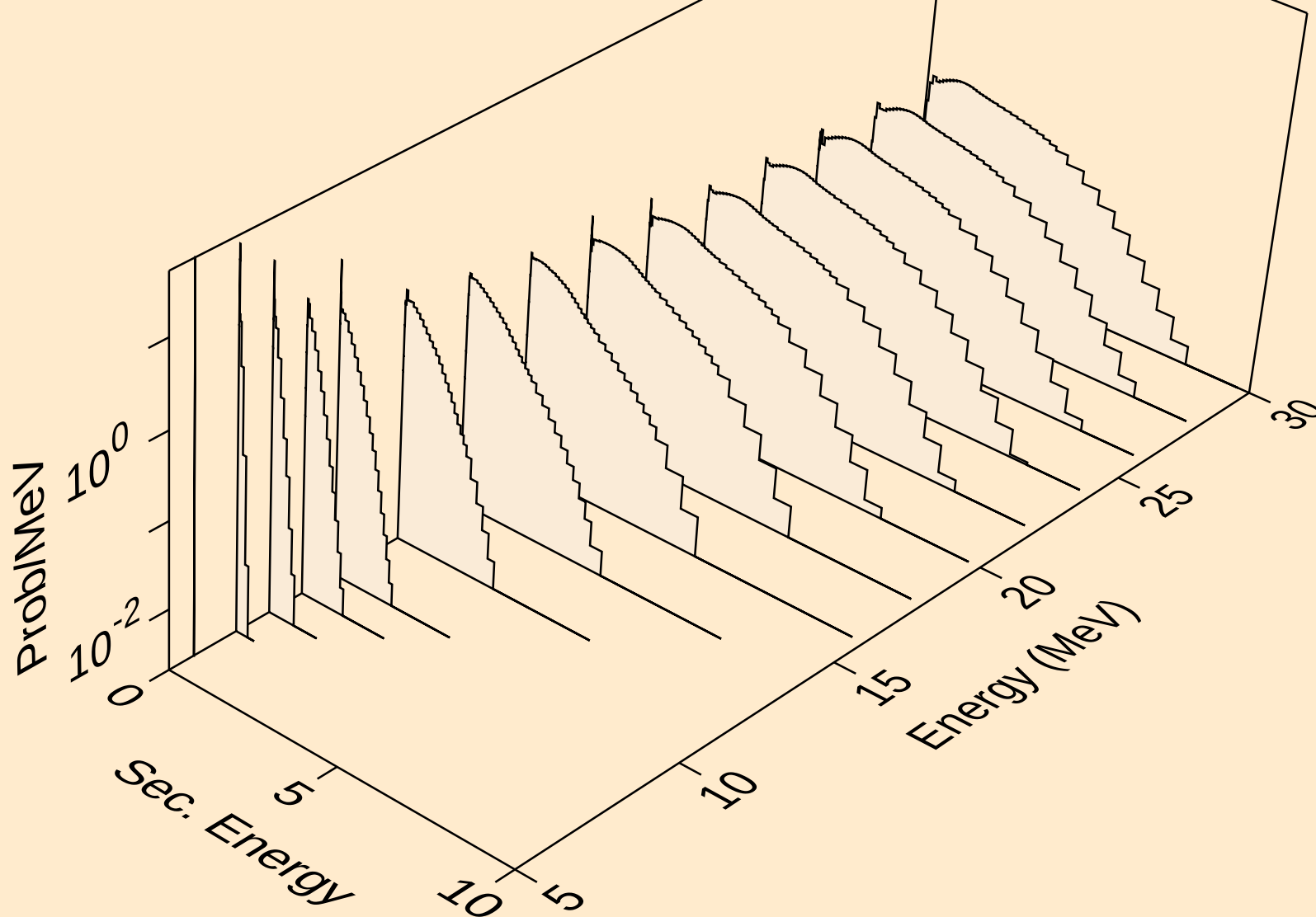
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neutrons from (p,2n)a



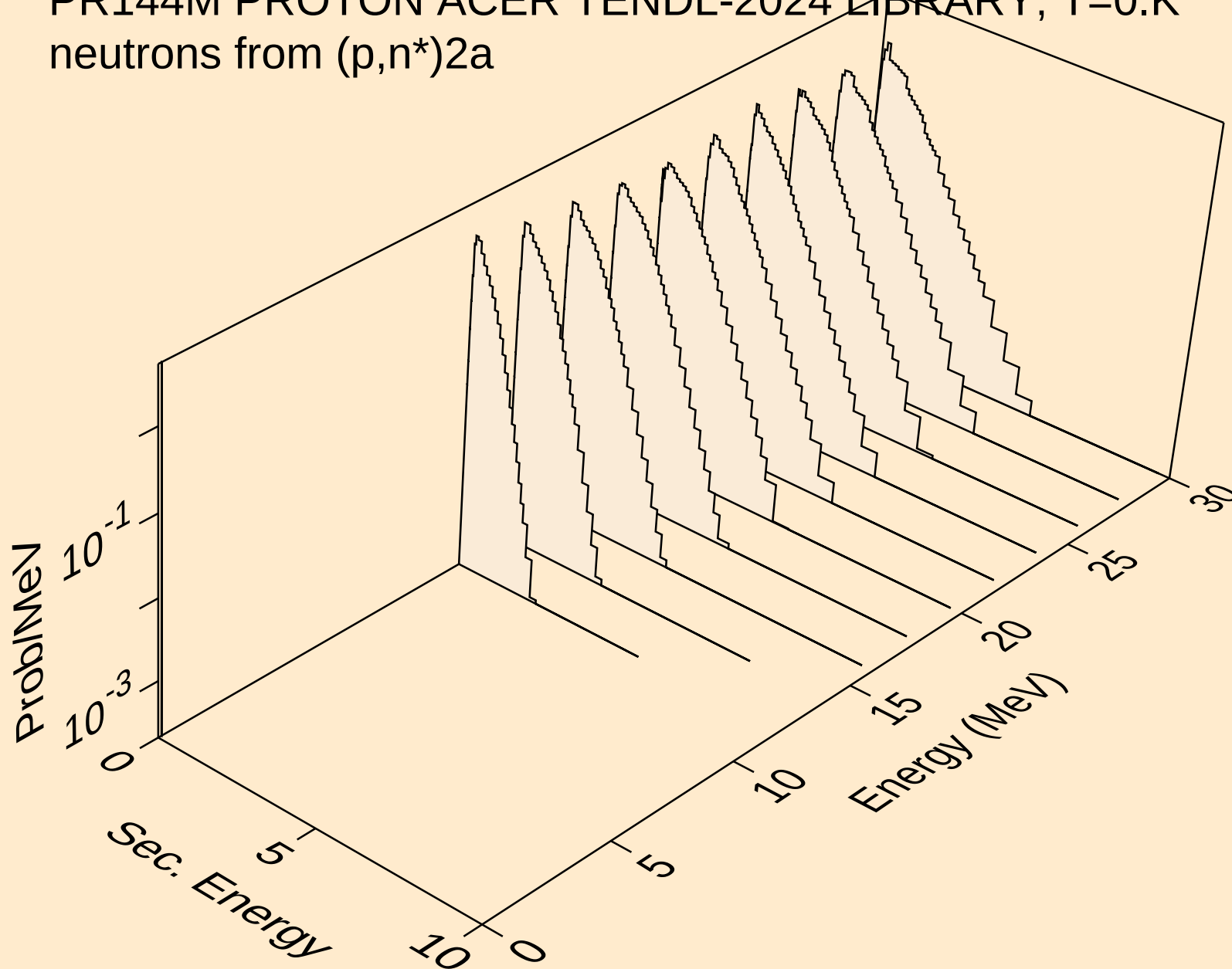
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neutrons from (p,3n)a



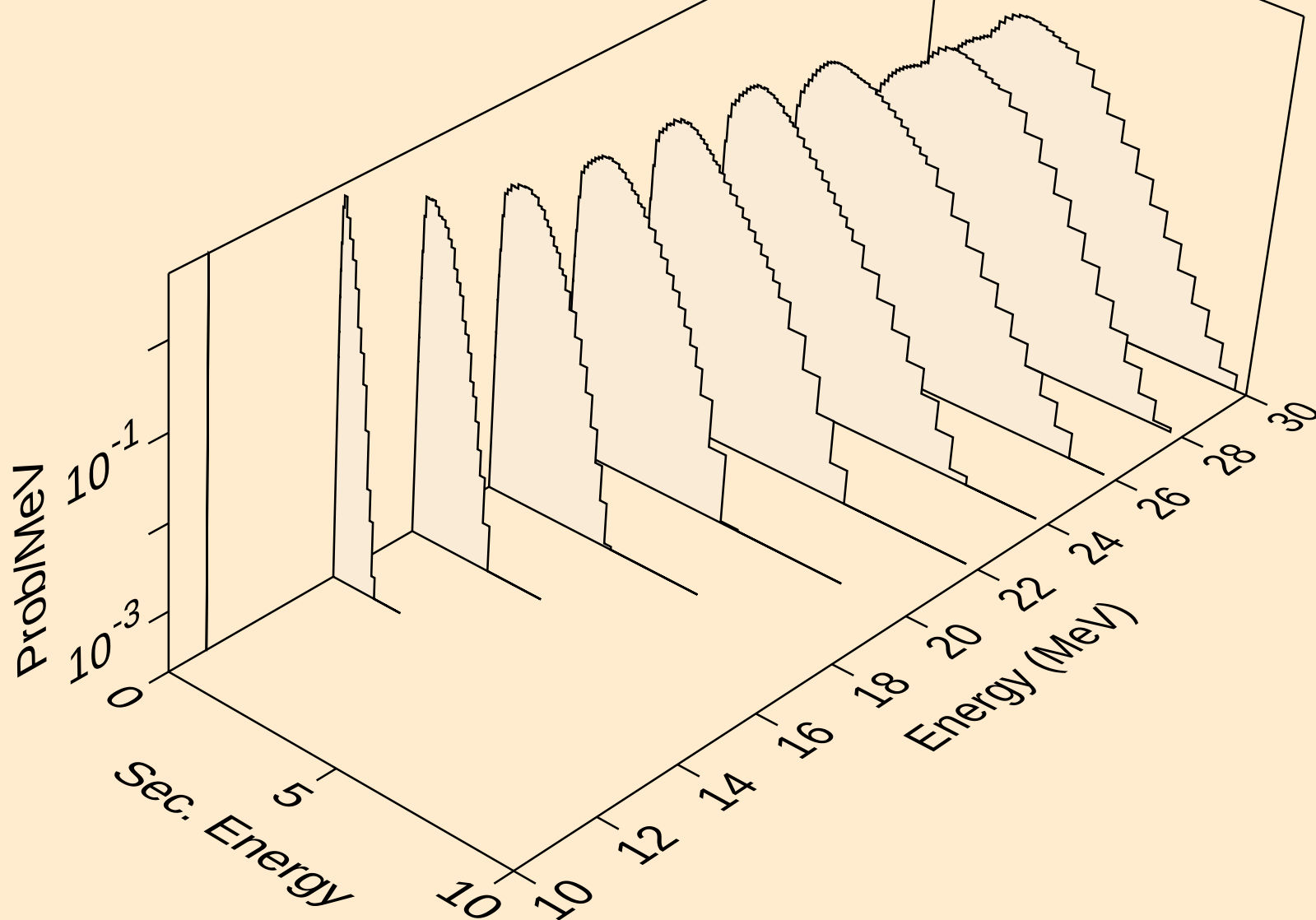
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
neutrons from $(p,n^*)p$



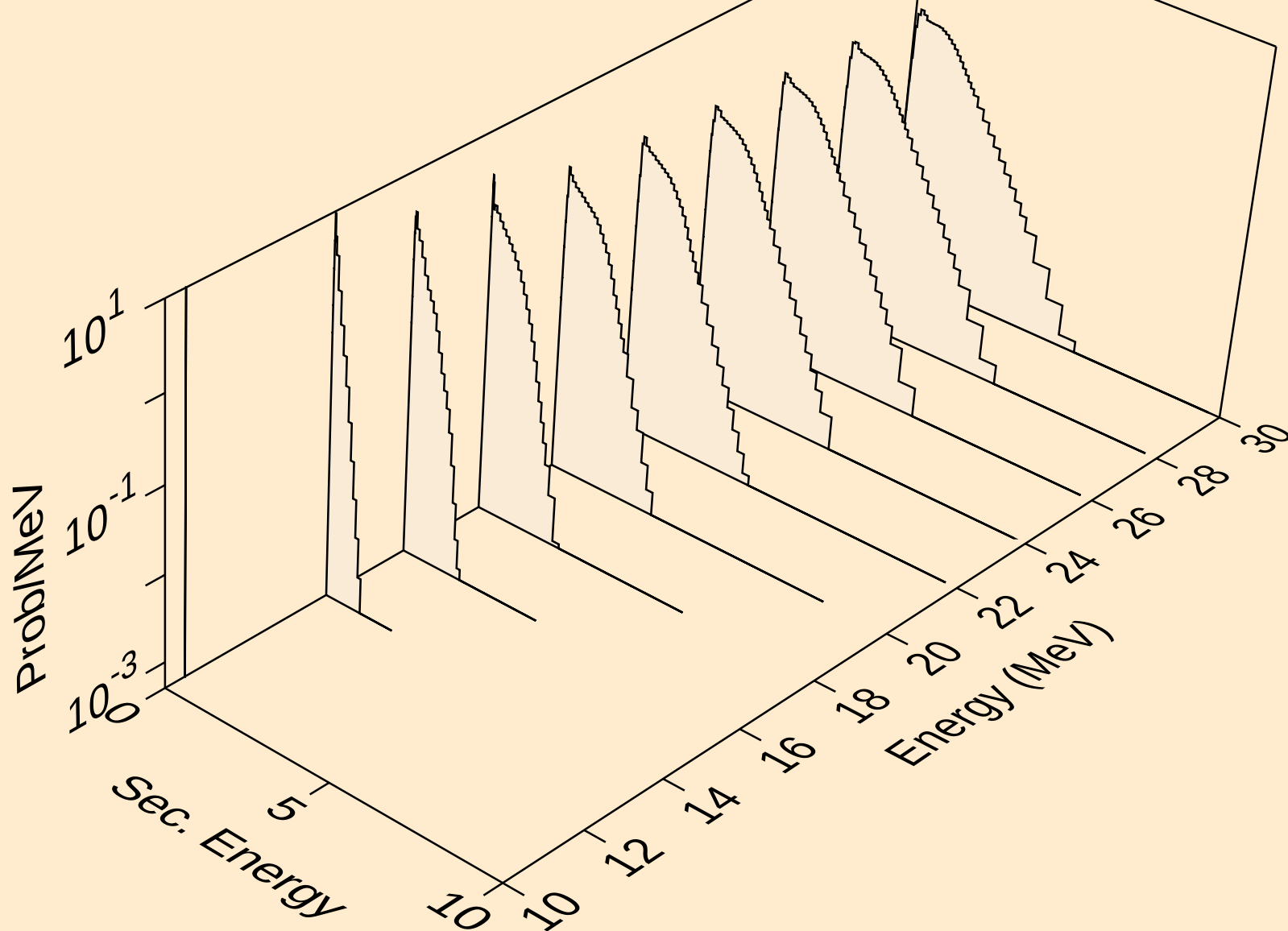
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neutrons from (p,n*)2a



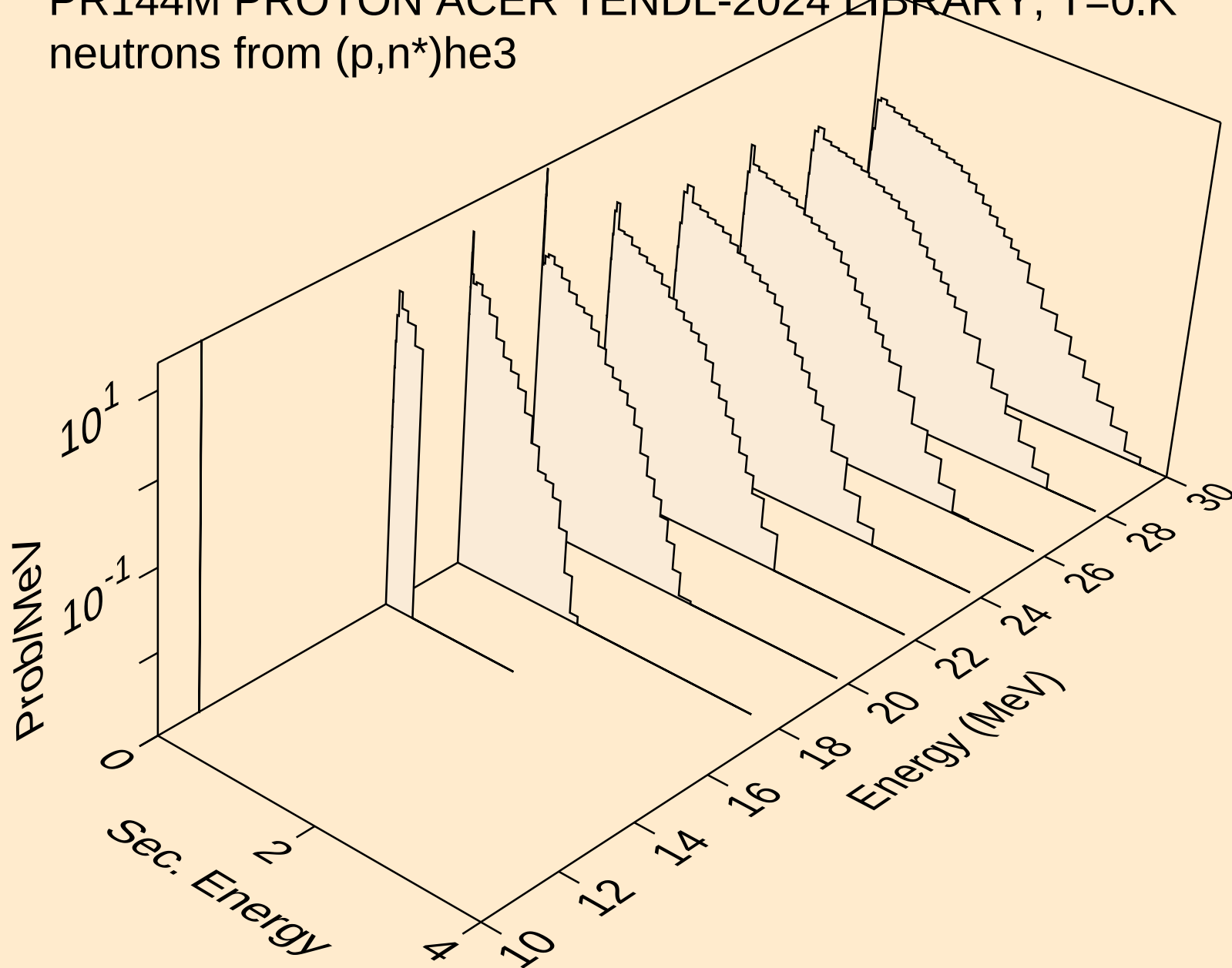
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neutrons from $(p,n^*)d$



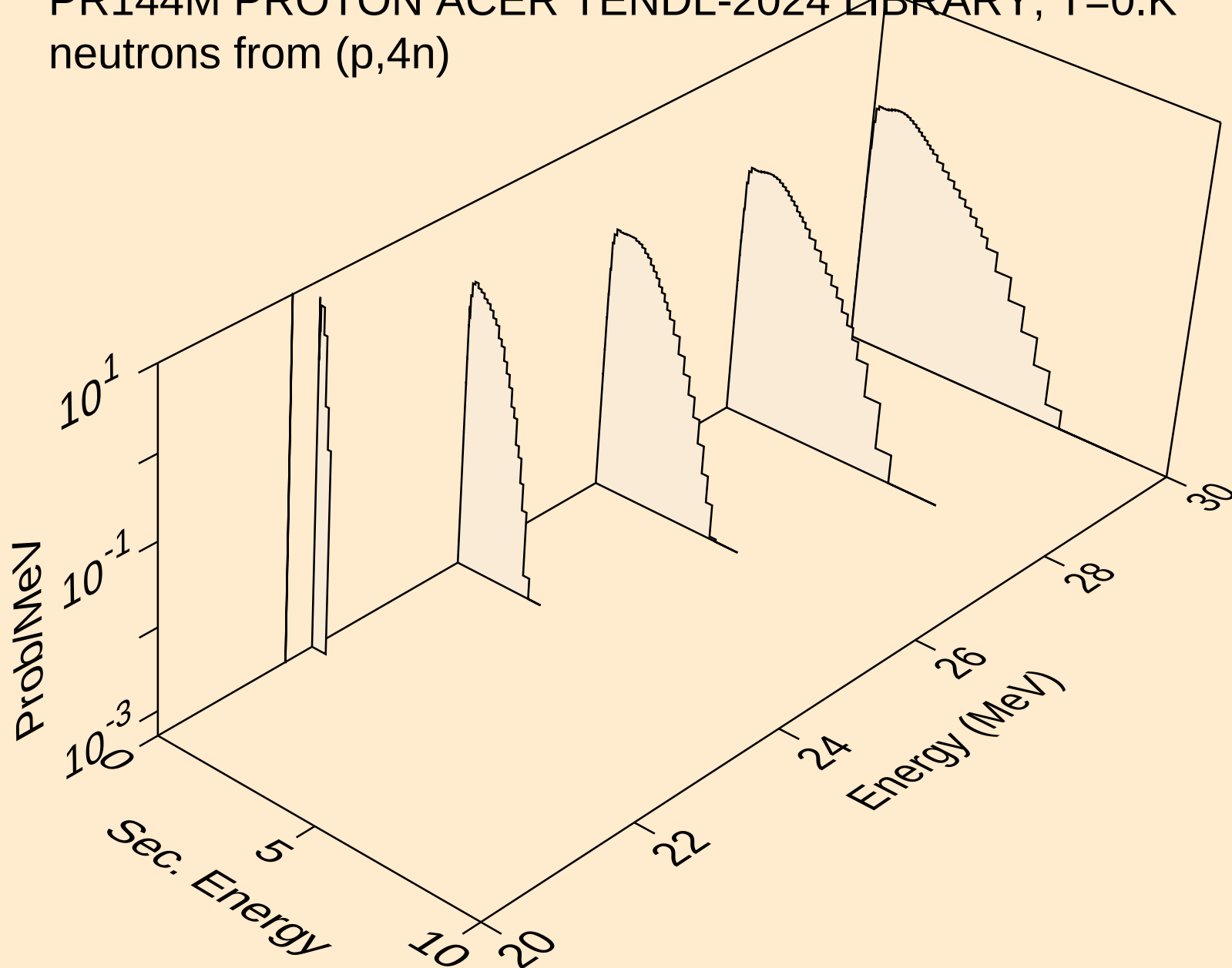
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,n*)t



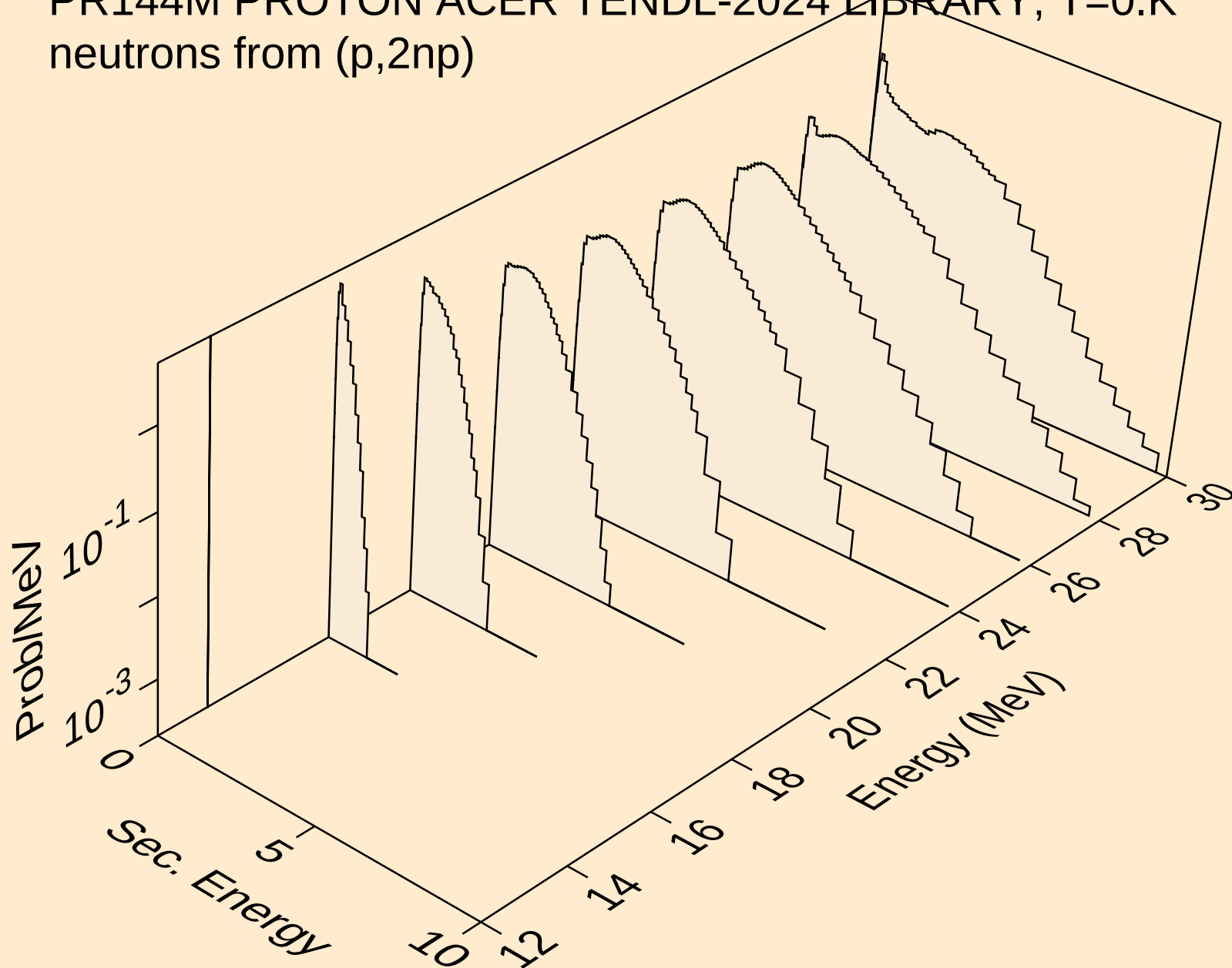
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0$.K
neutrons from $(p,n^*)\text{he3}$



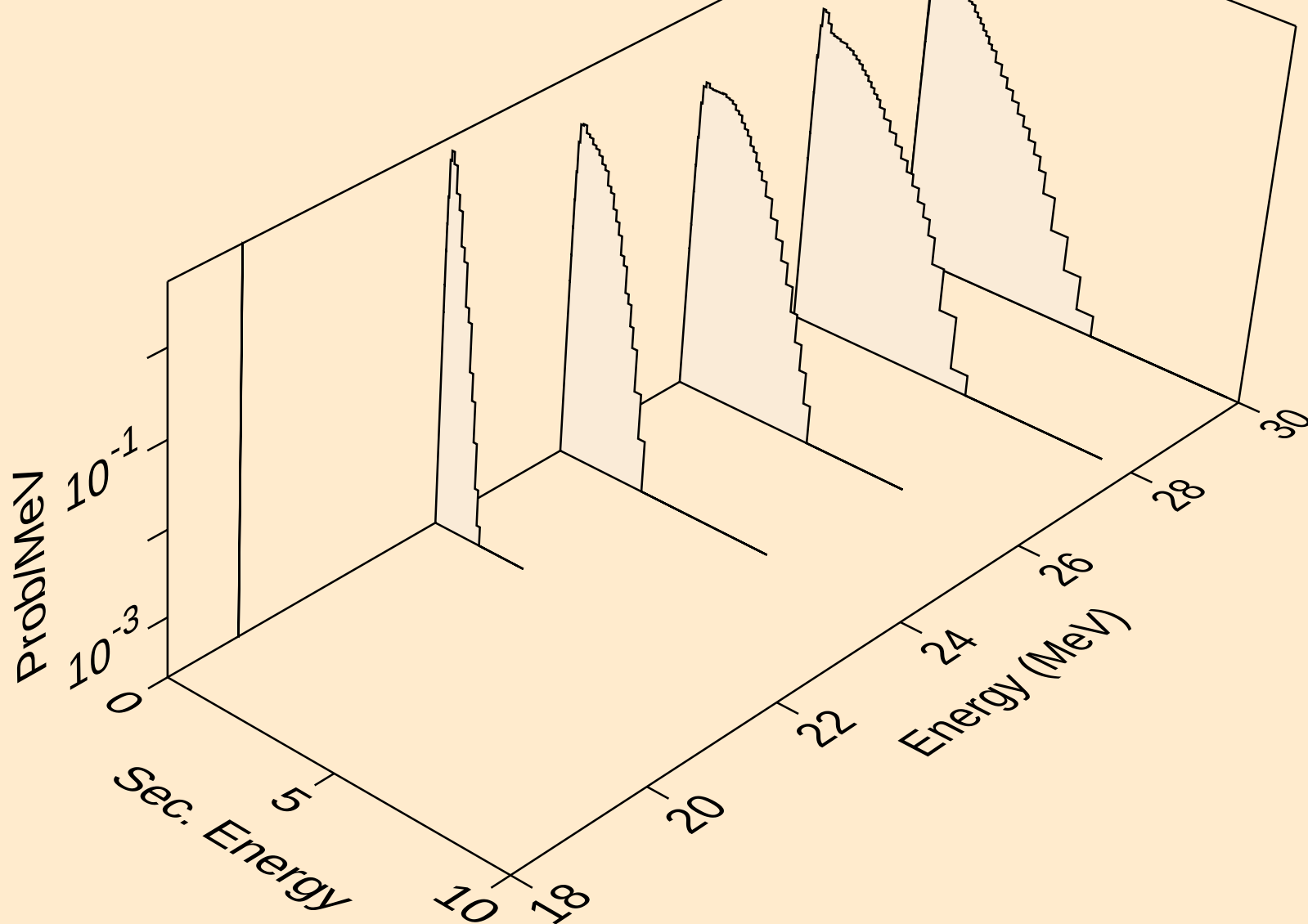
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,4n)



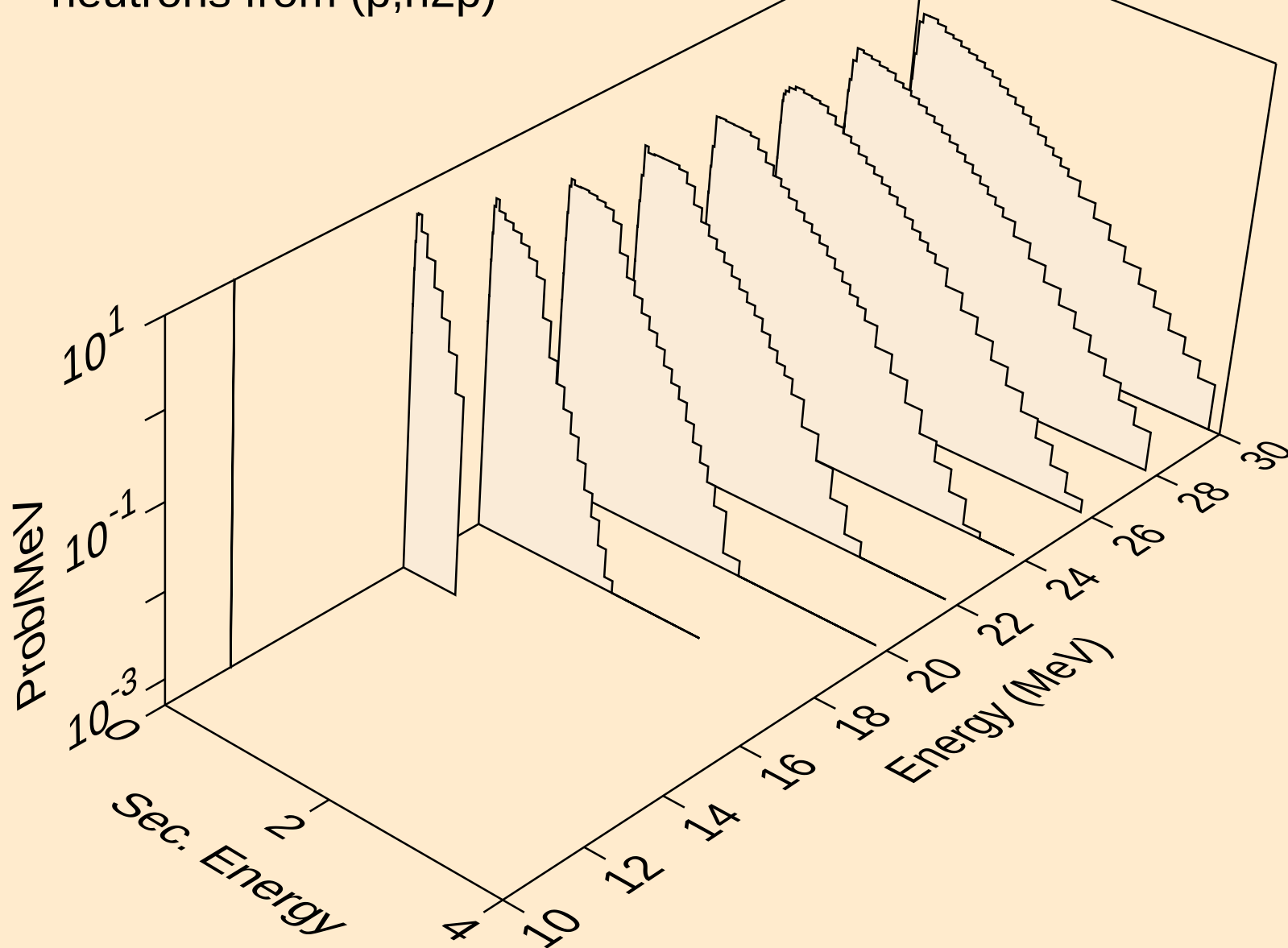
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
neutrons from (p,2np)



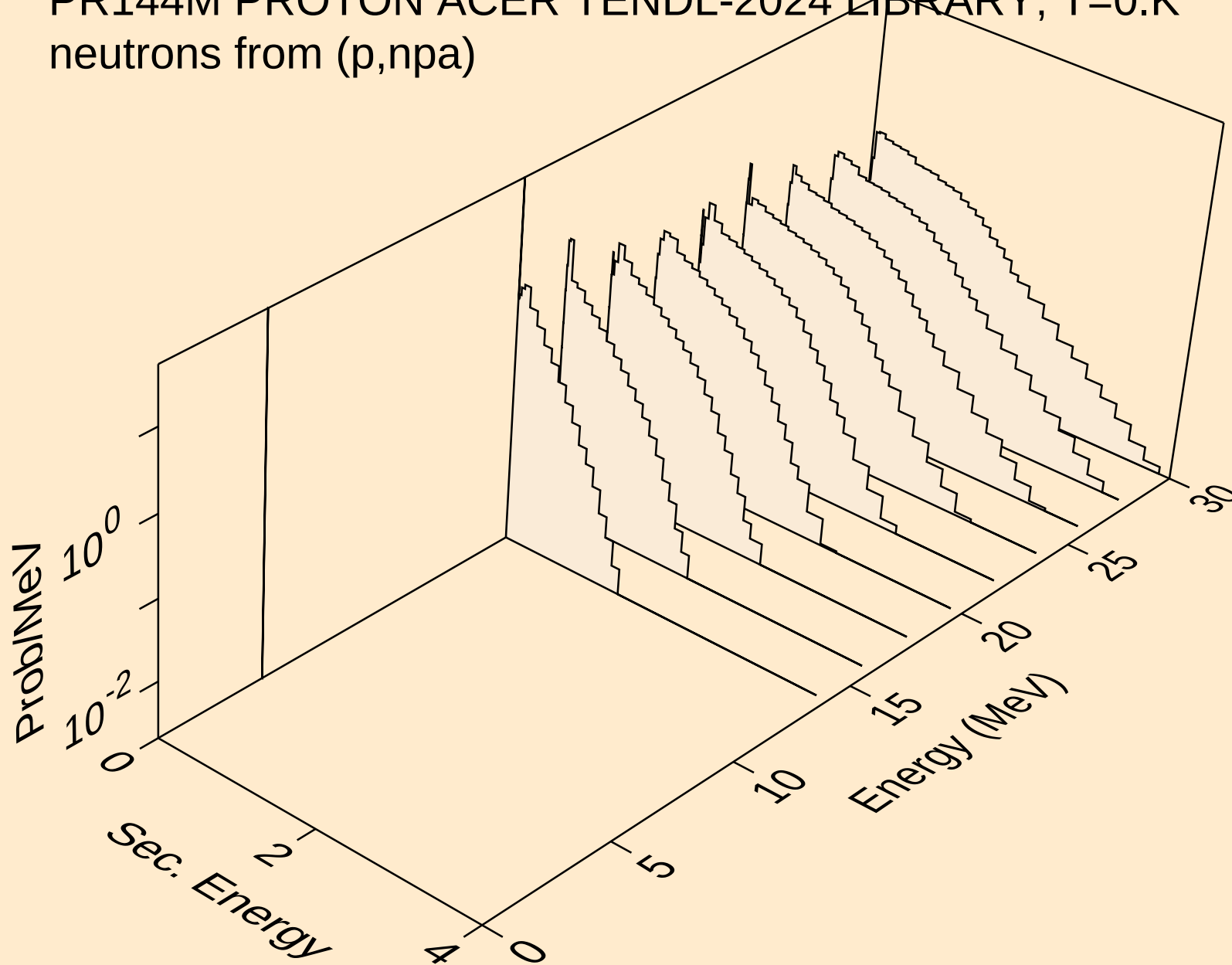
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,3np)



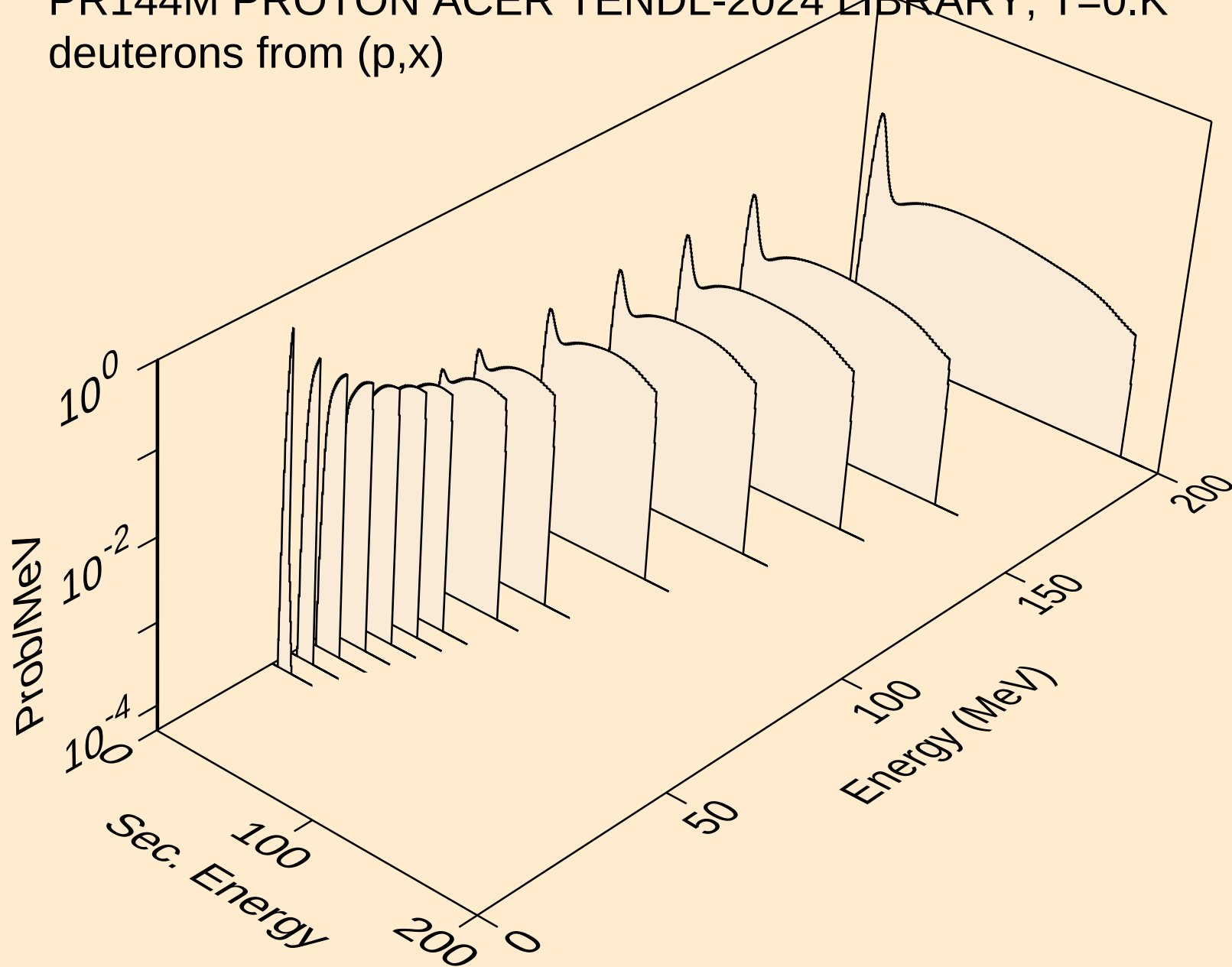
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
neutrons from (p,n2p)



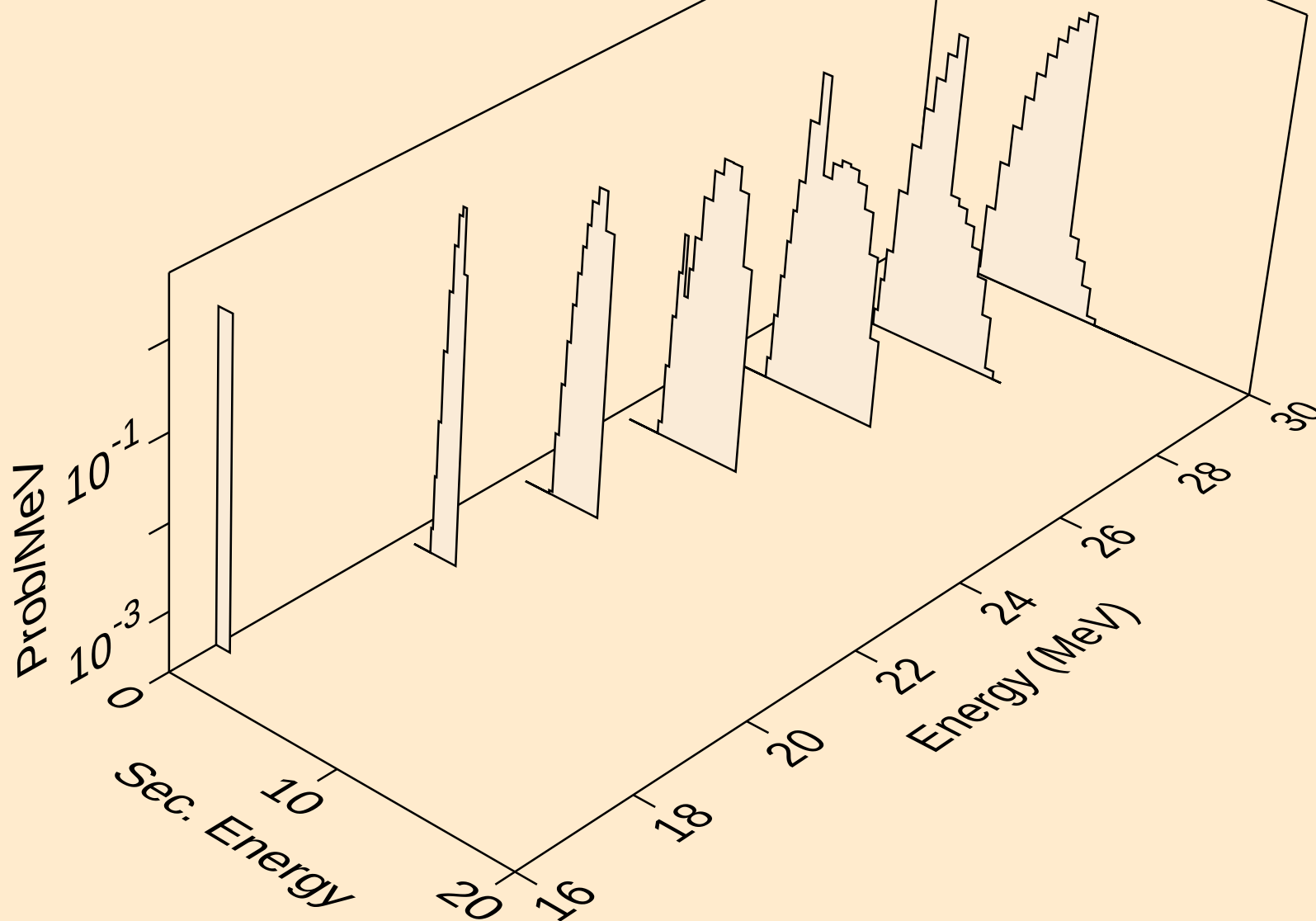
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (p,npa)



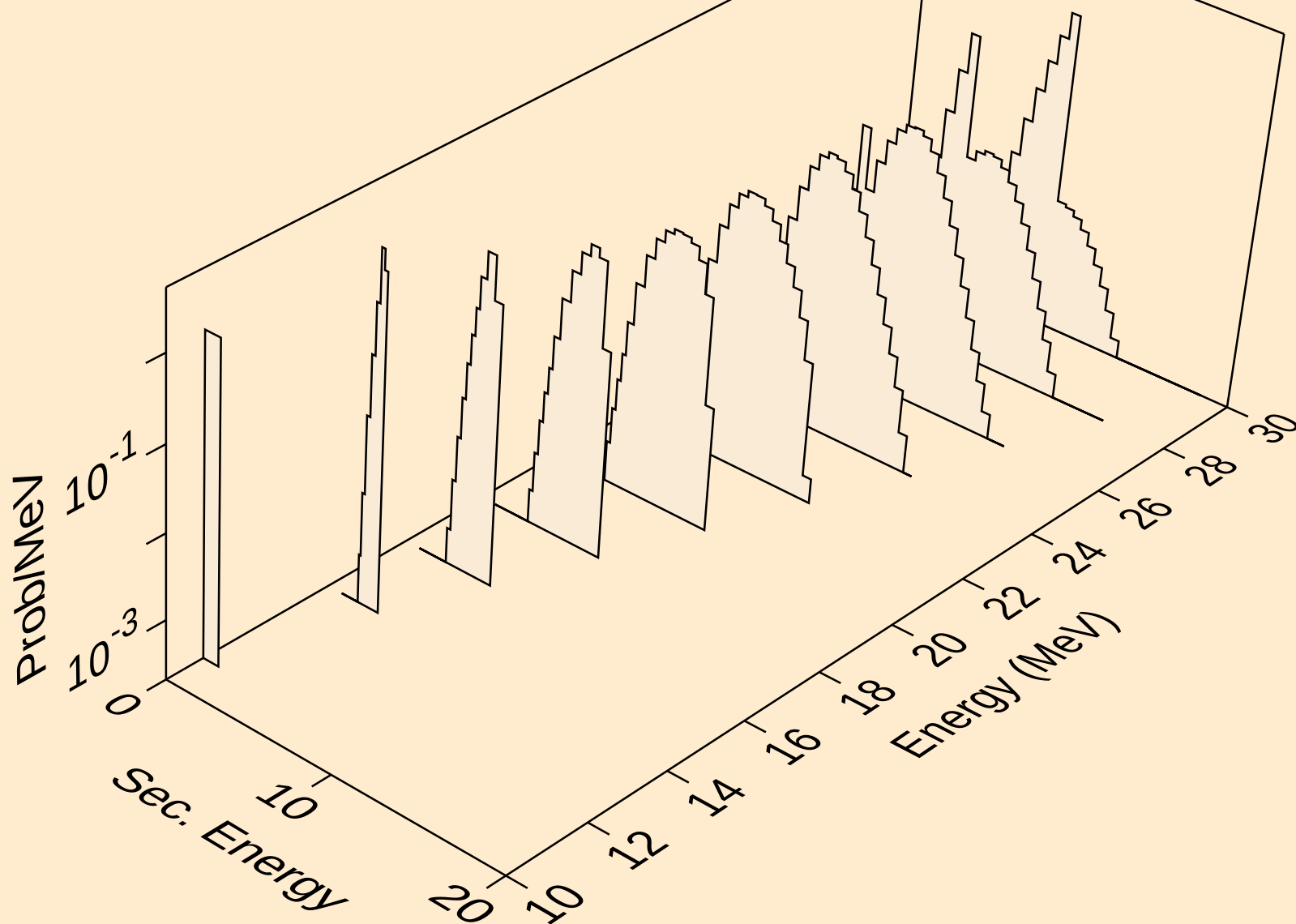
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,x)



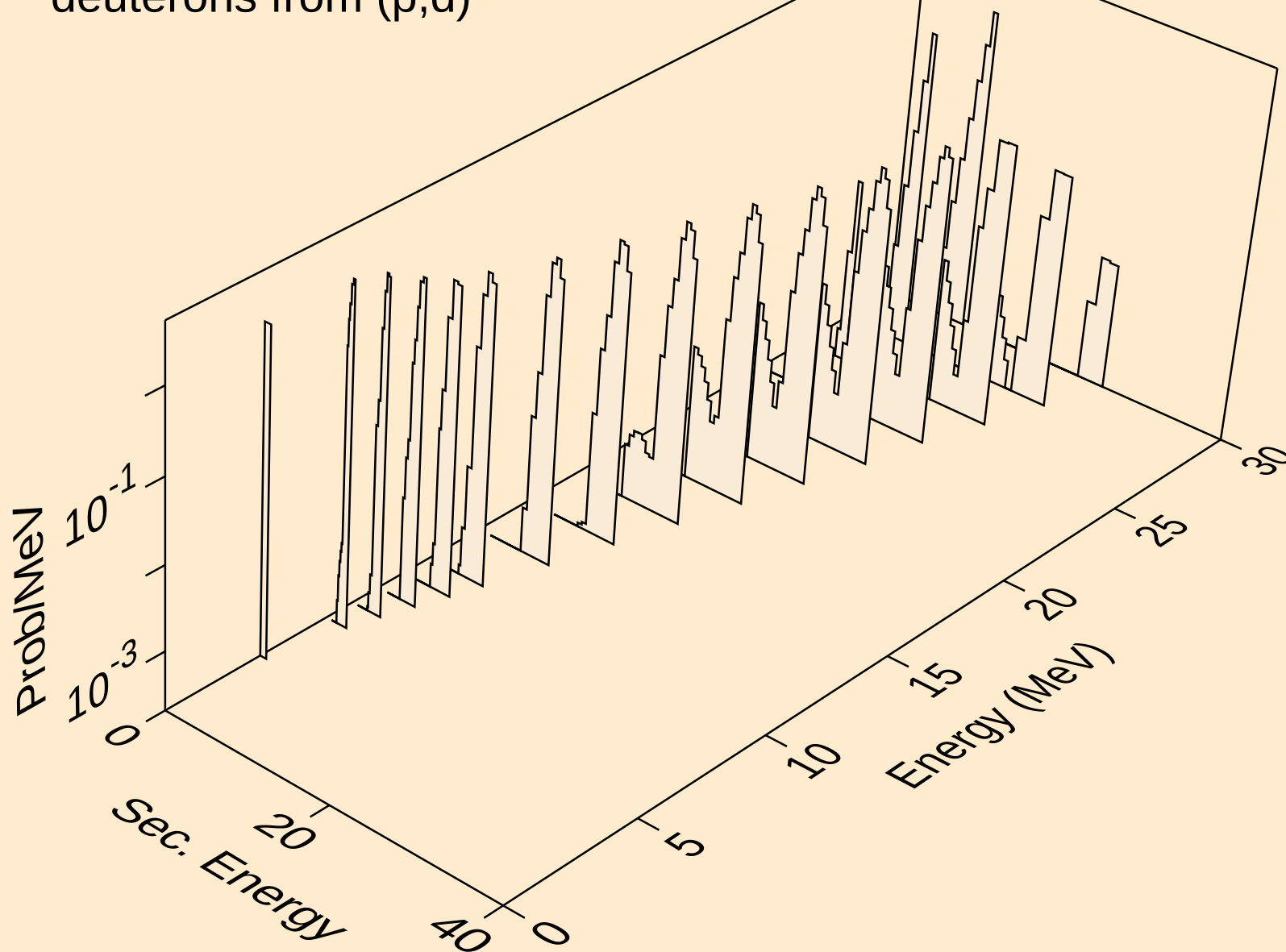
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deuterons from (p,2nd)



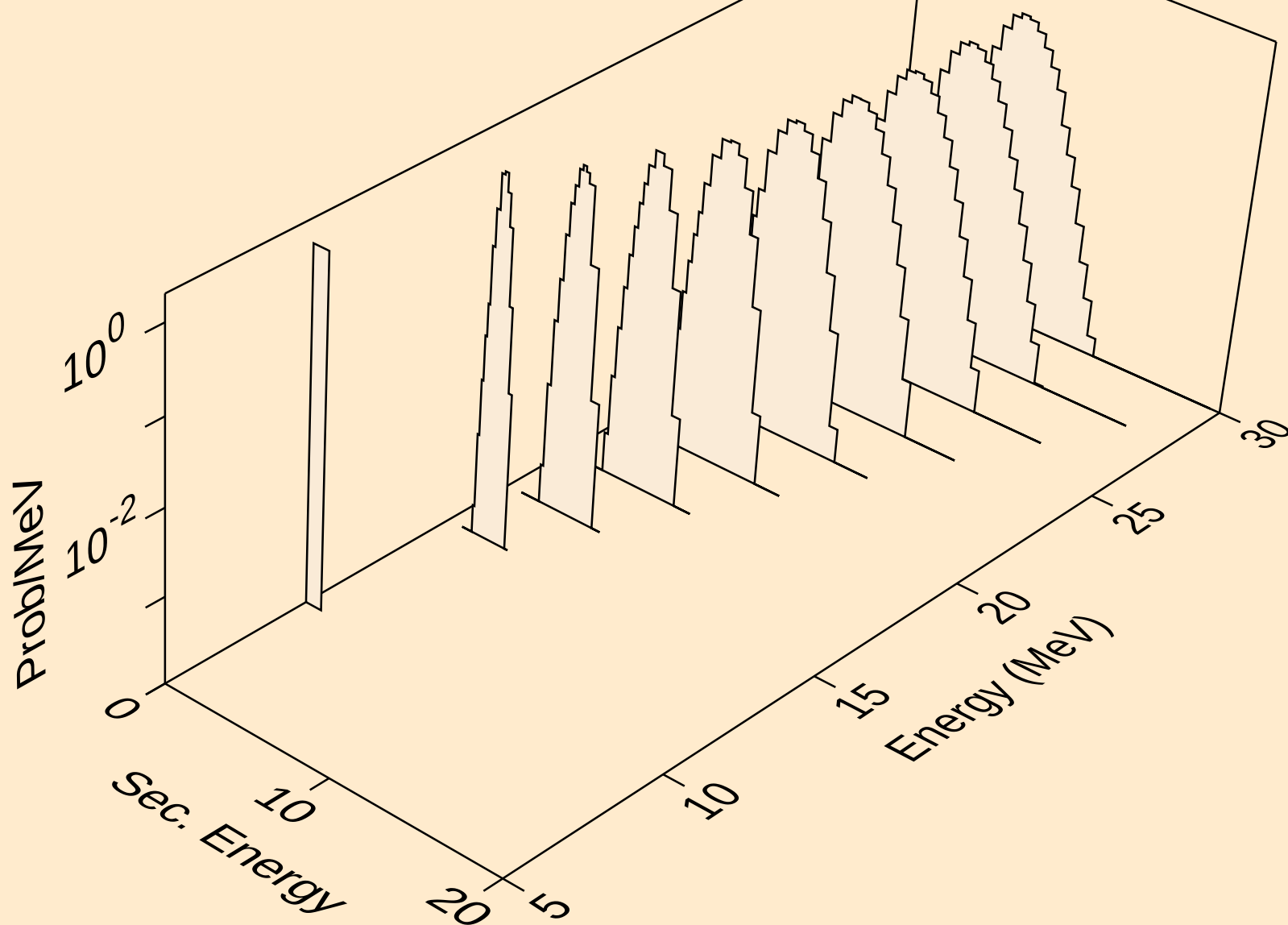
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,n*)d



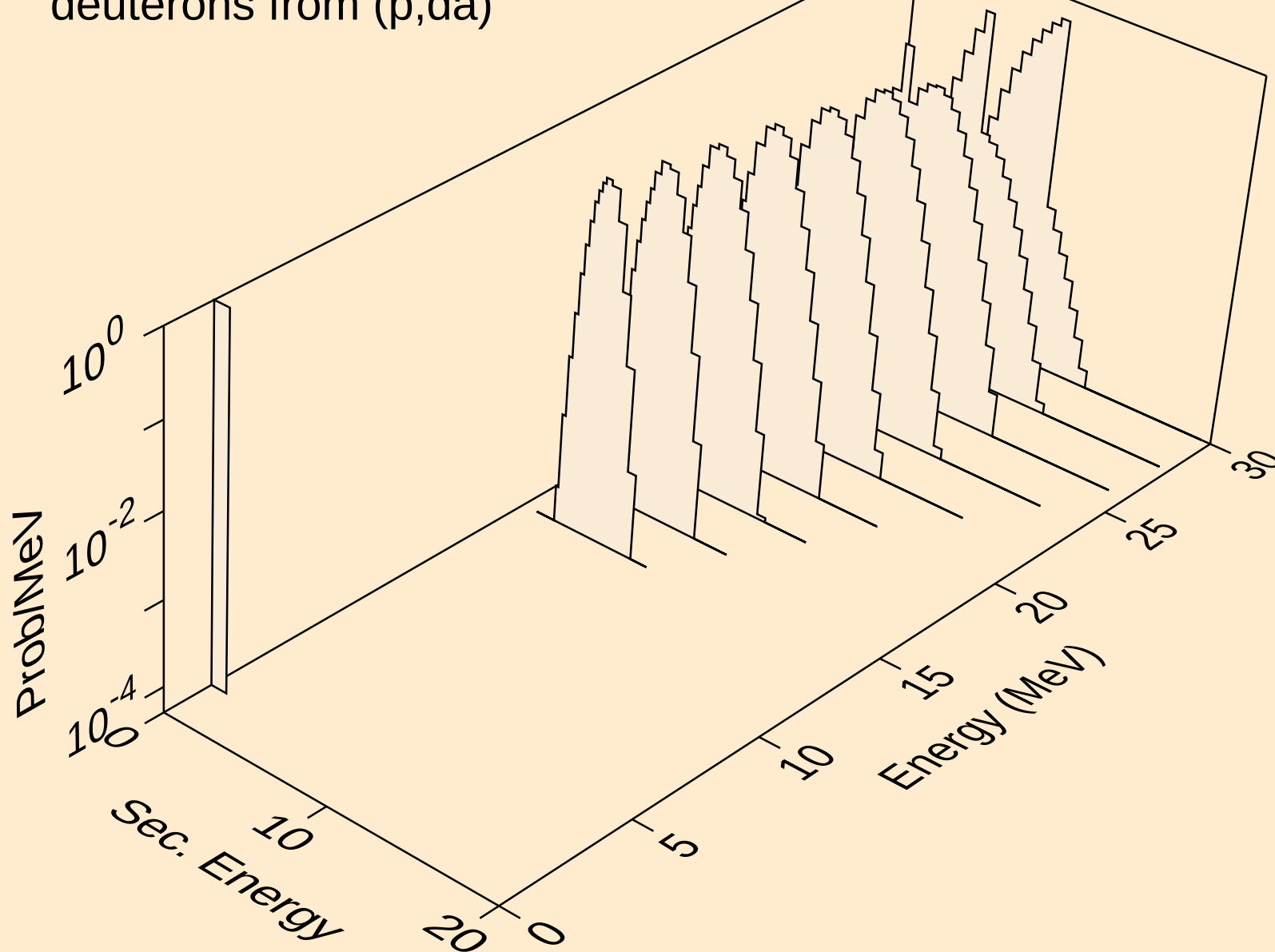
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deuterons from (p,d)



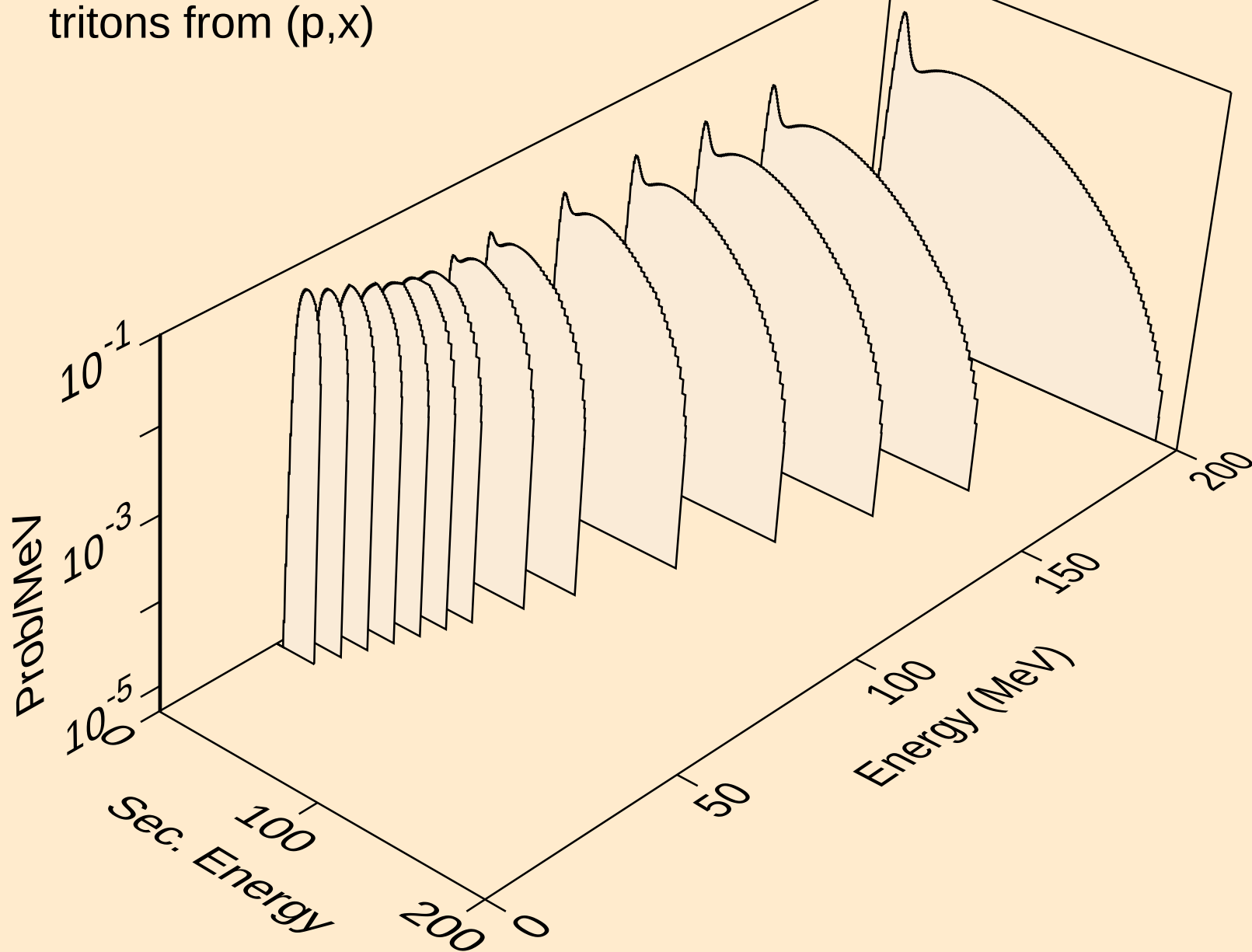
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (p,pd)



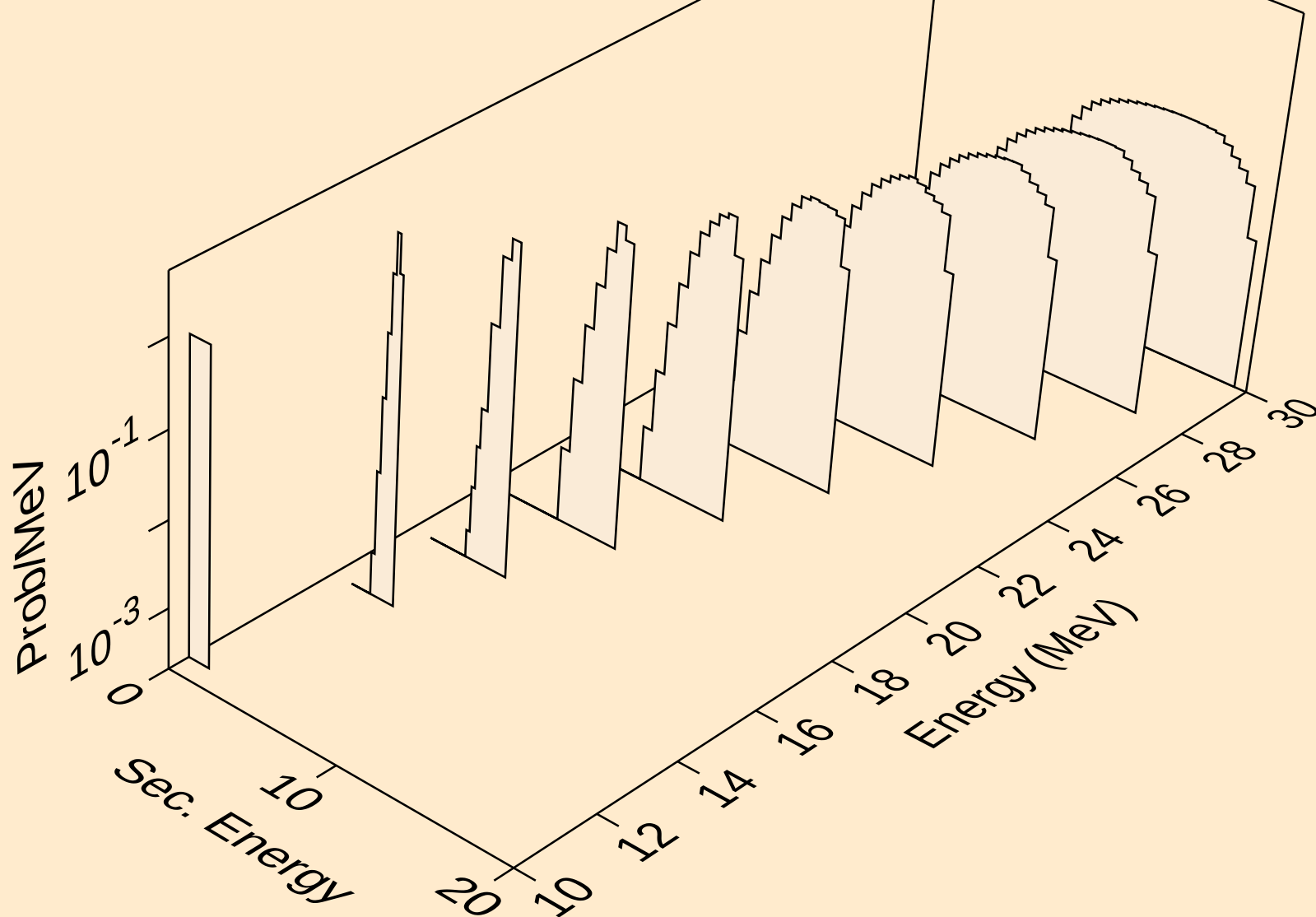
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deuterons from (p,da)



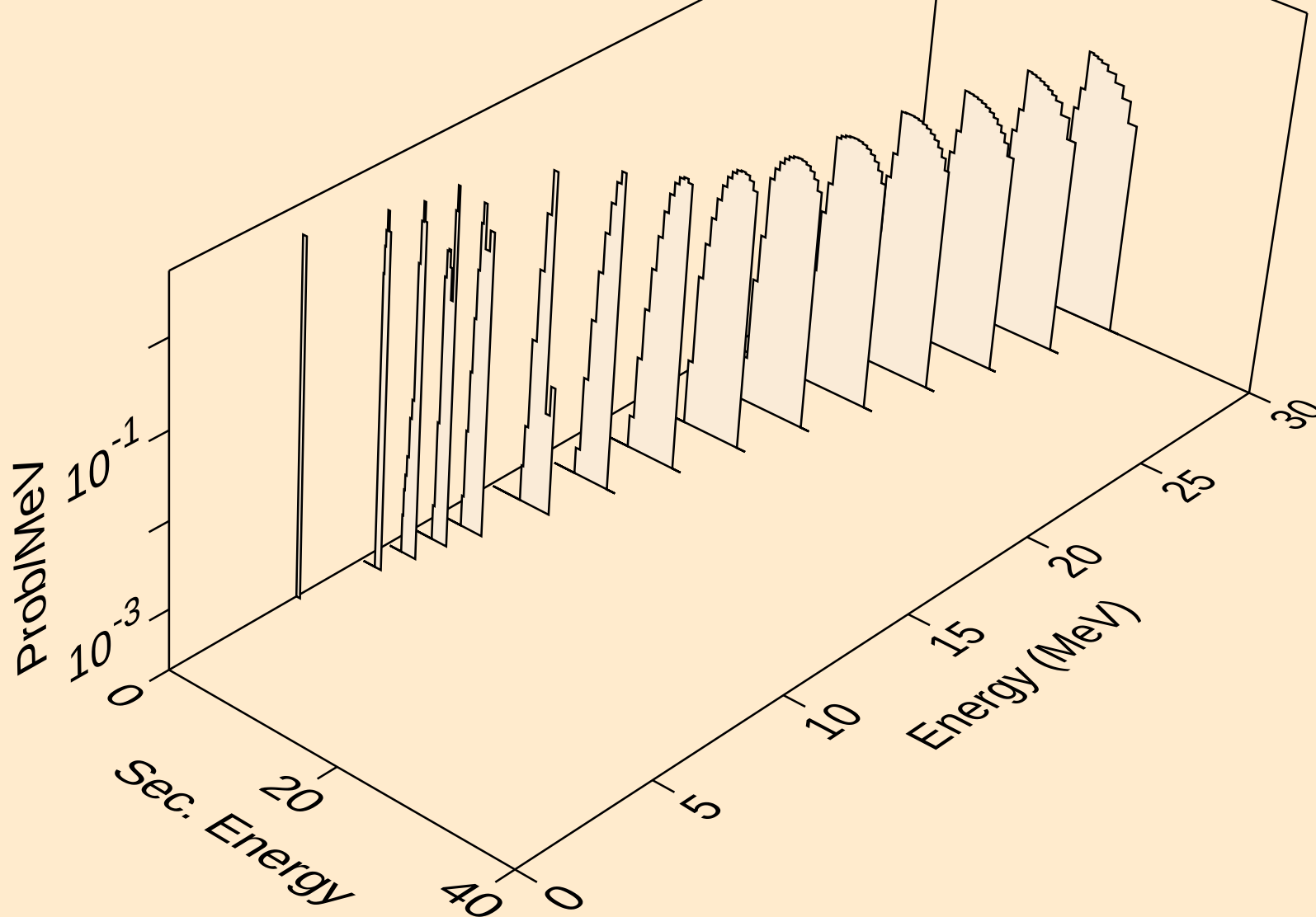
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,x)



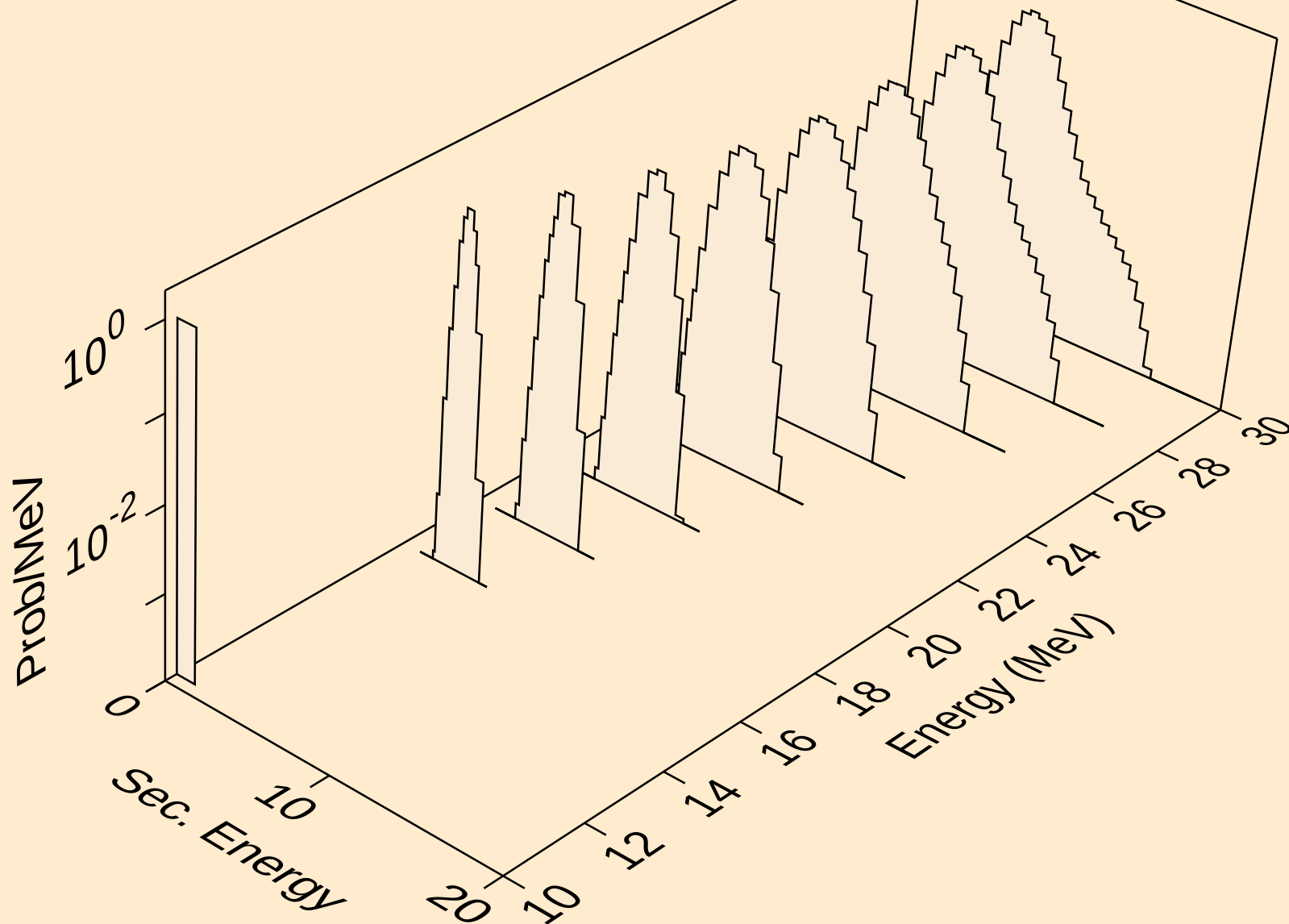
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,n*)t



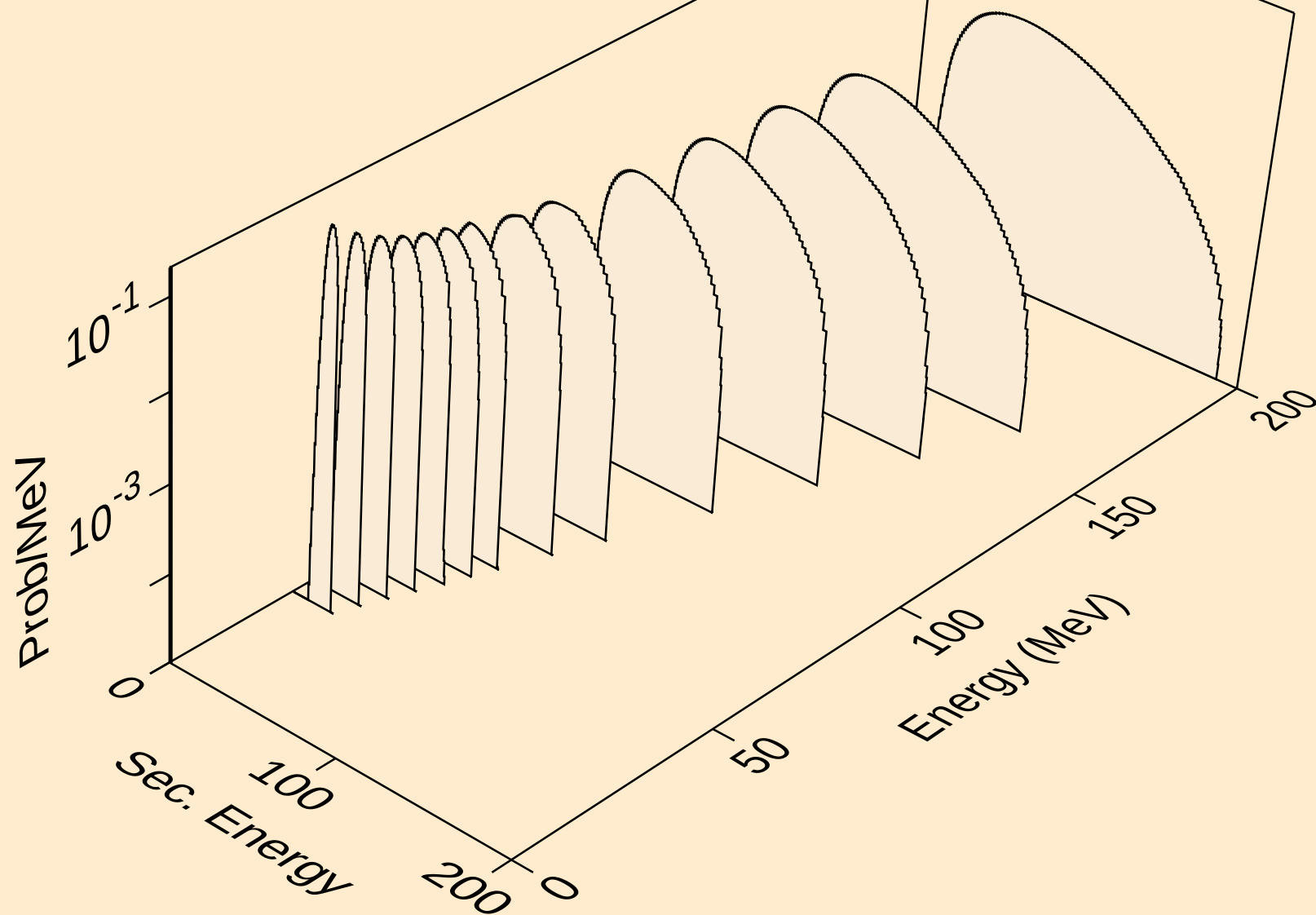
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,t)



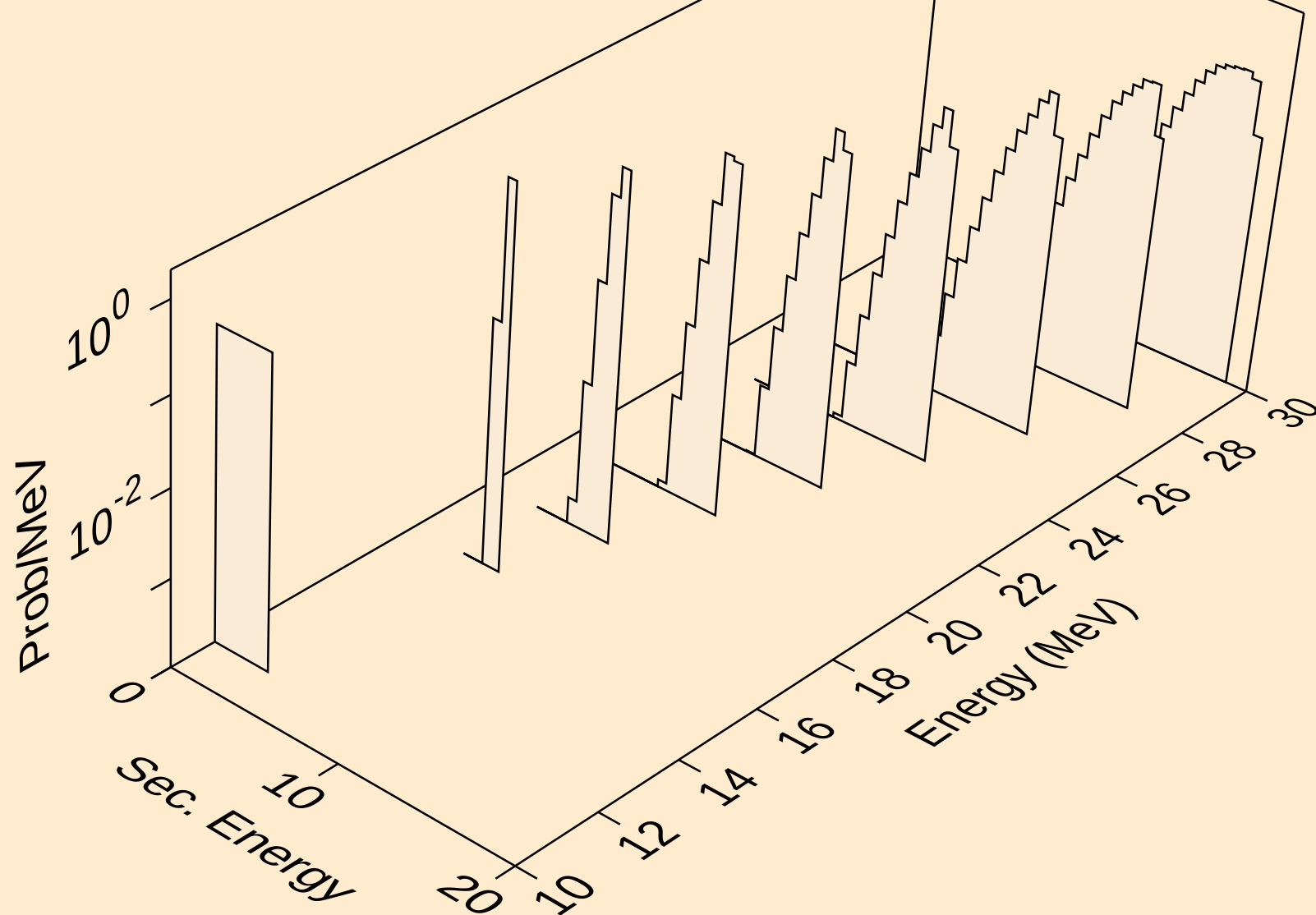
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (p,pt)



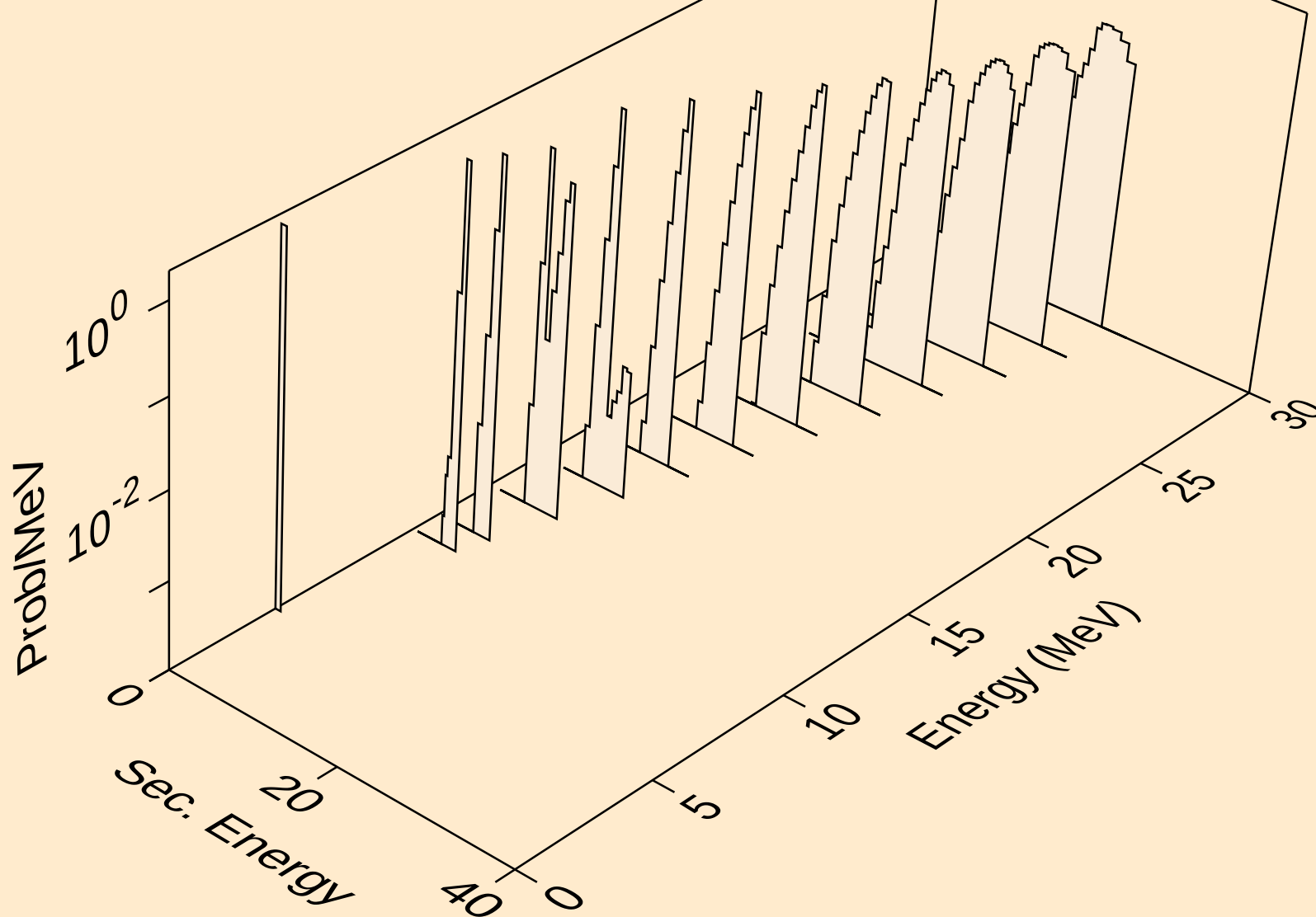
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (p,x)



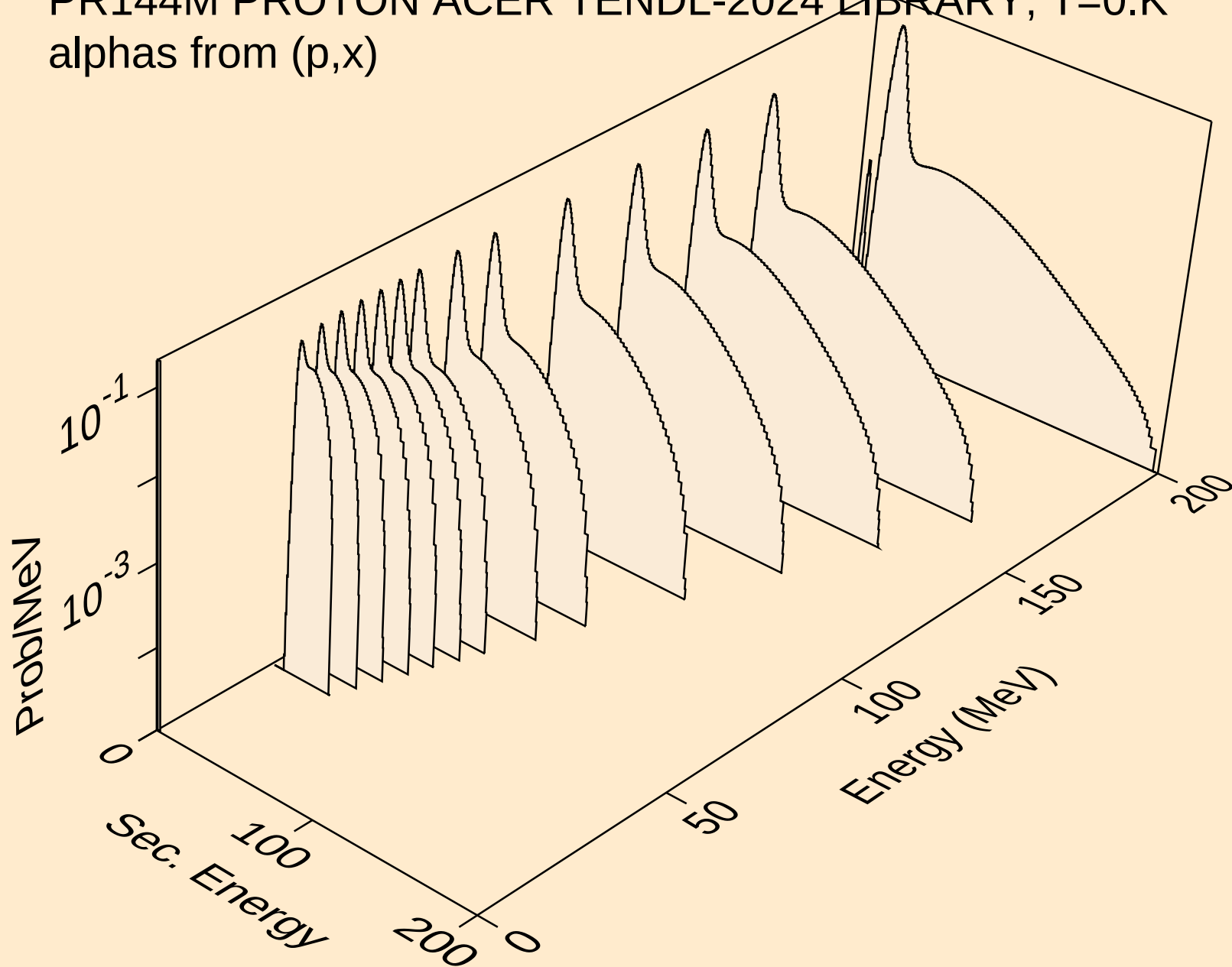
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (p,n*)he3



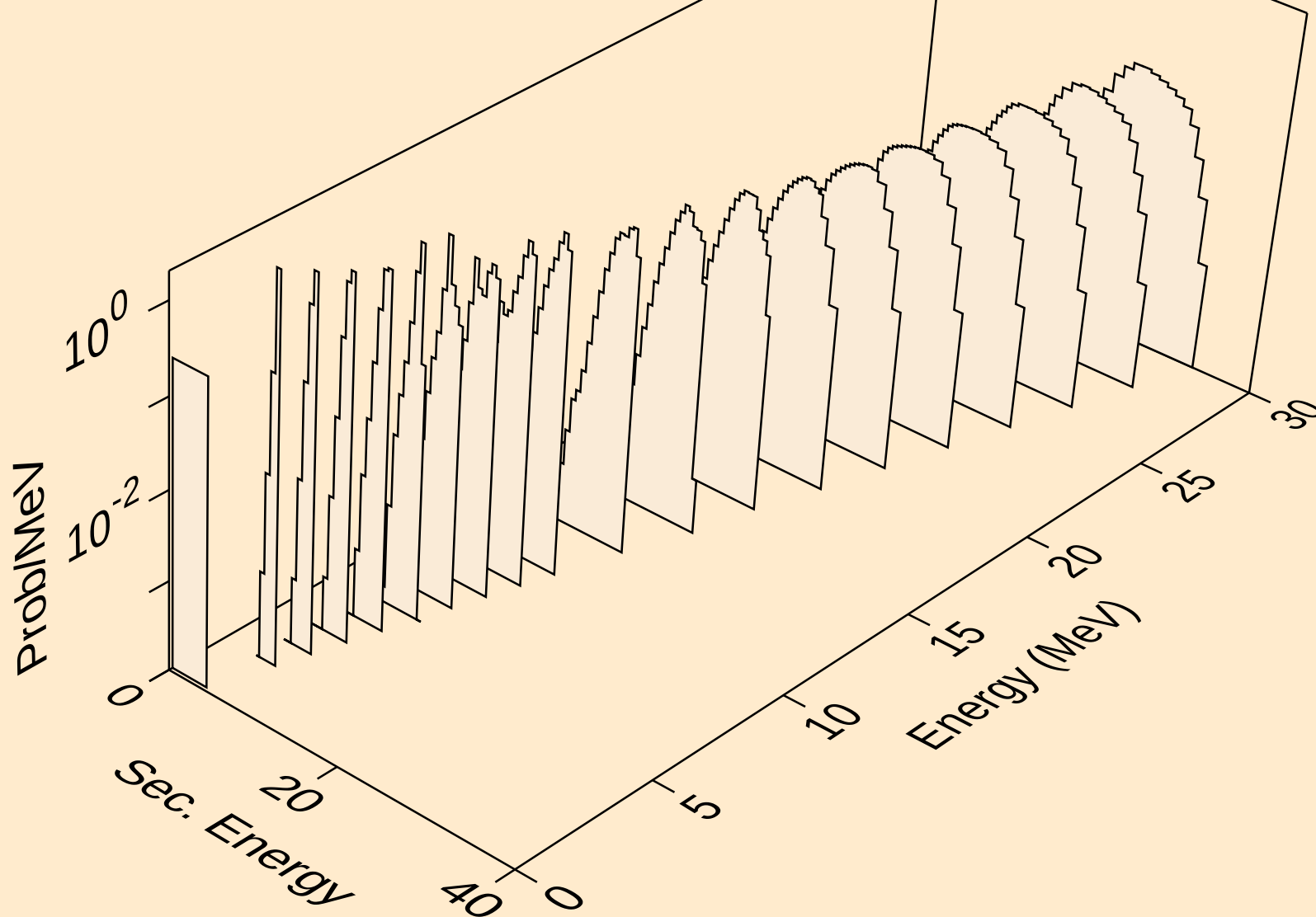
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (p,he3)



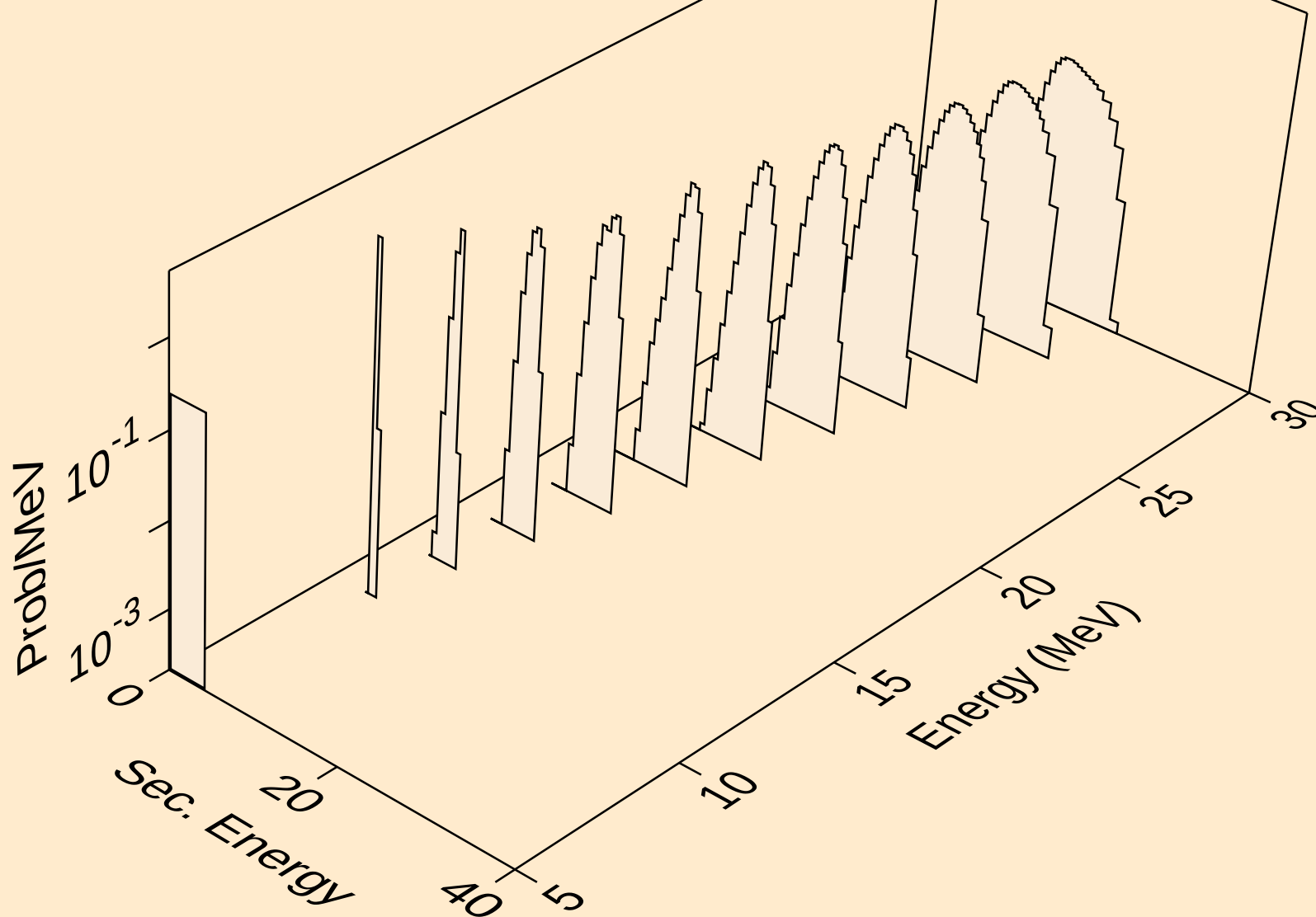
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,x)



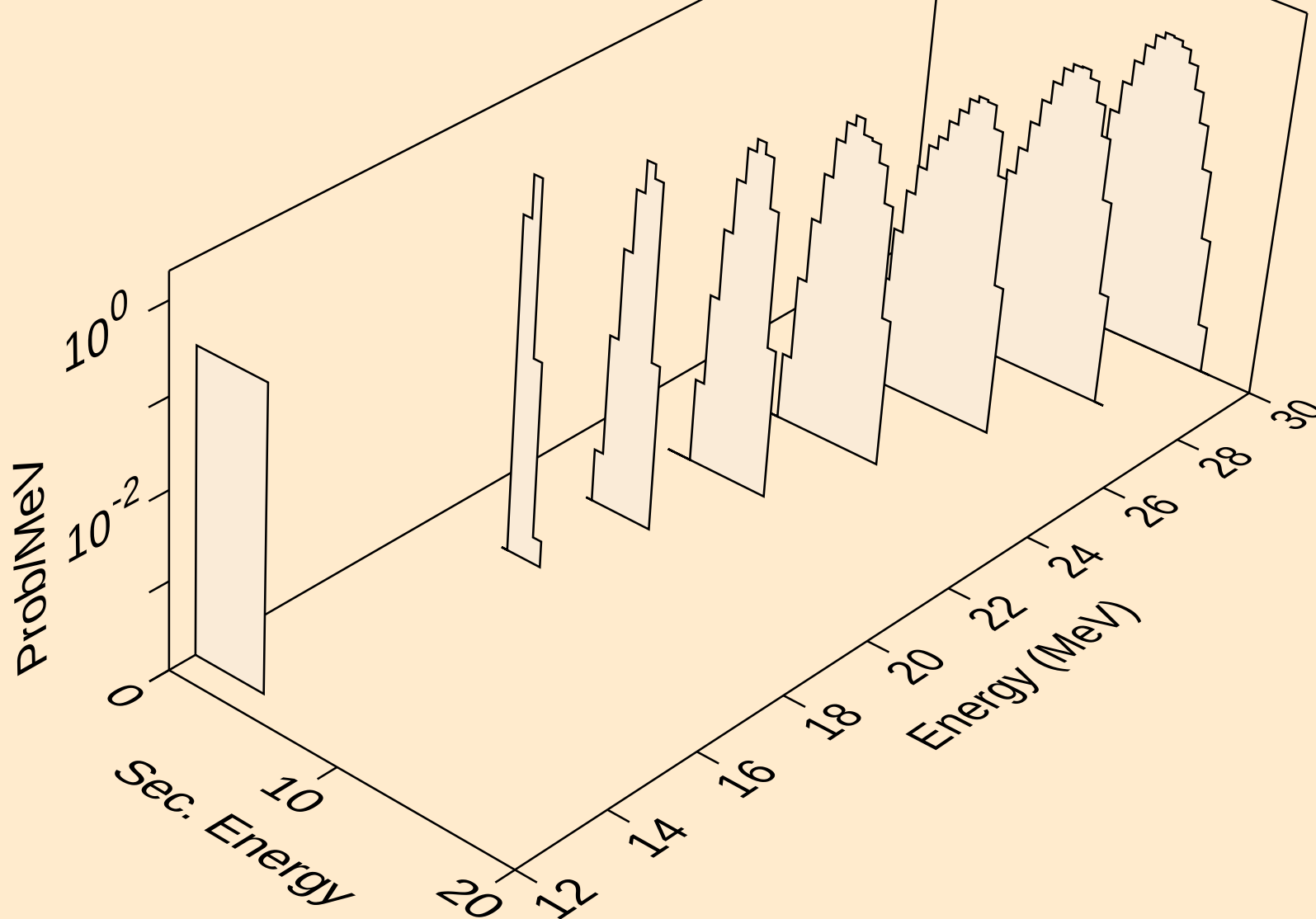
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,n*)a



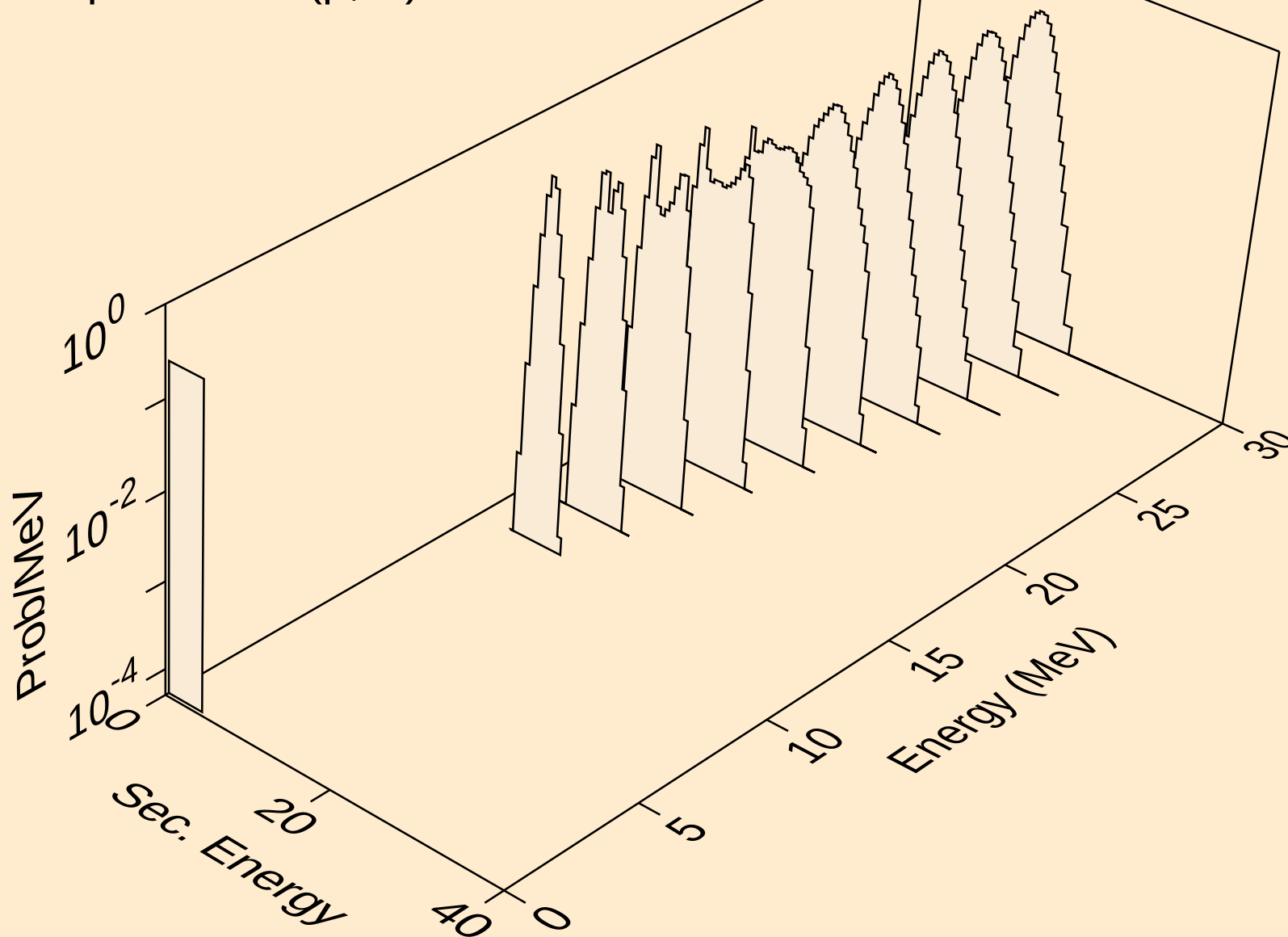
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,2n)a



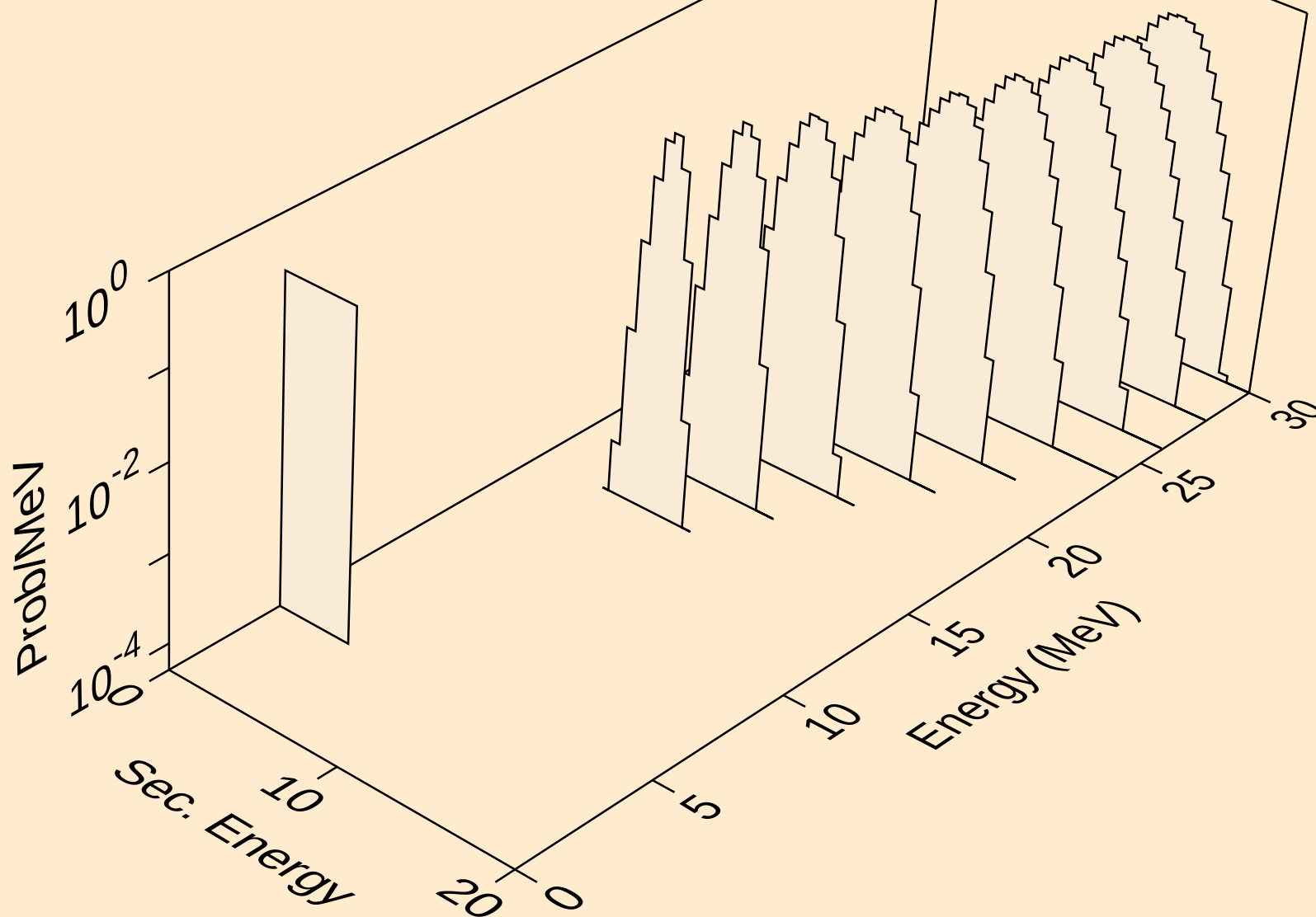
PR144M PROTON ACER TENDL-2024 LIBRARY; $T=0.K$
alphas from (p,3n)a



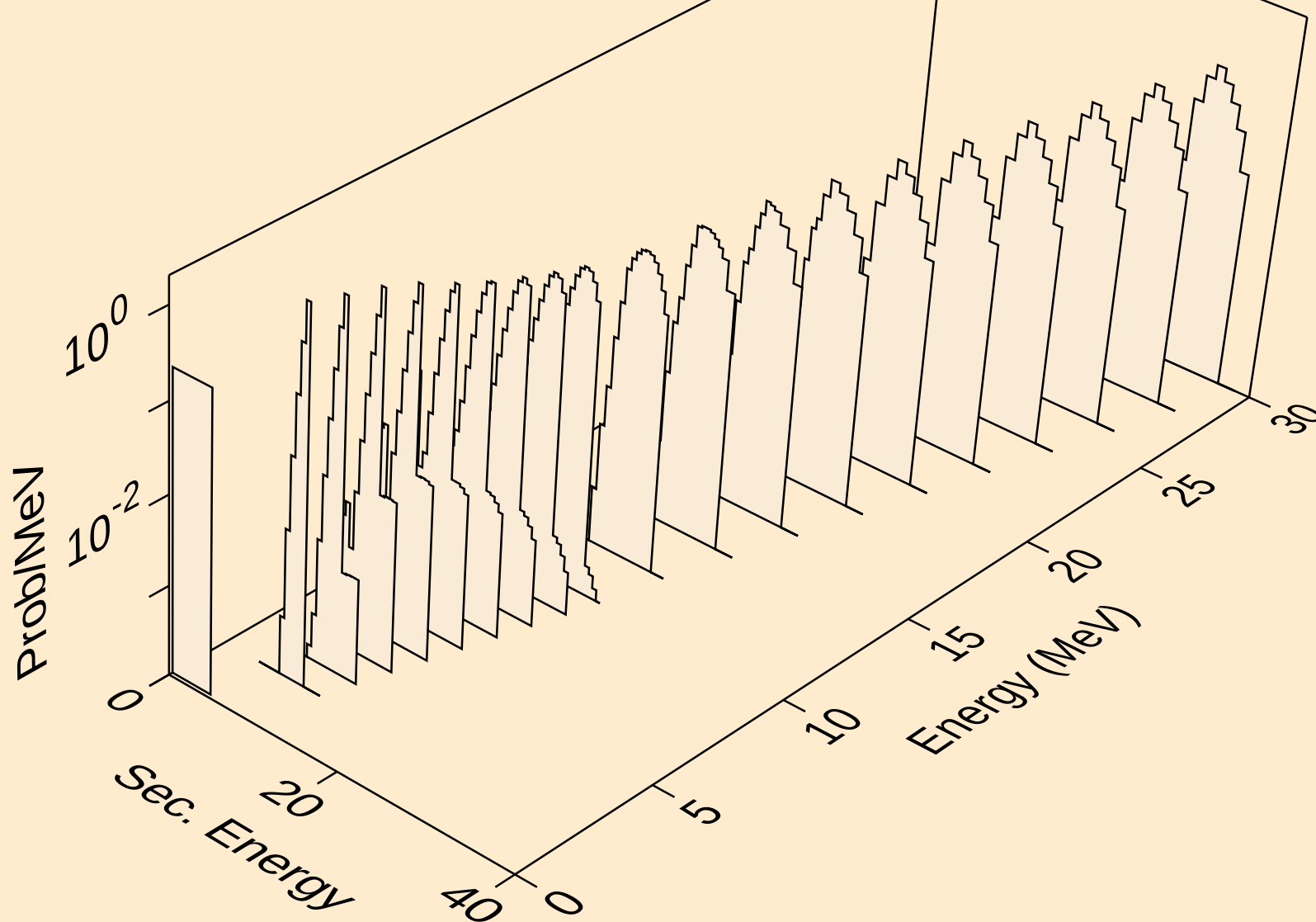
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,n*)2a



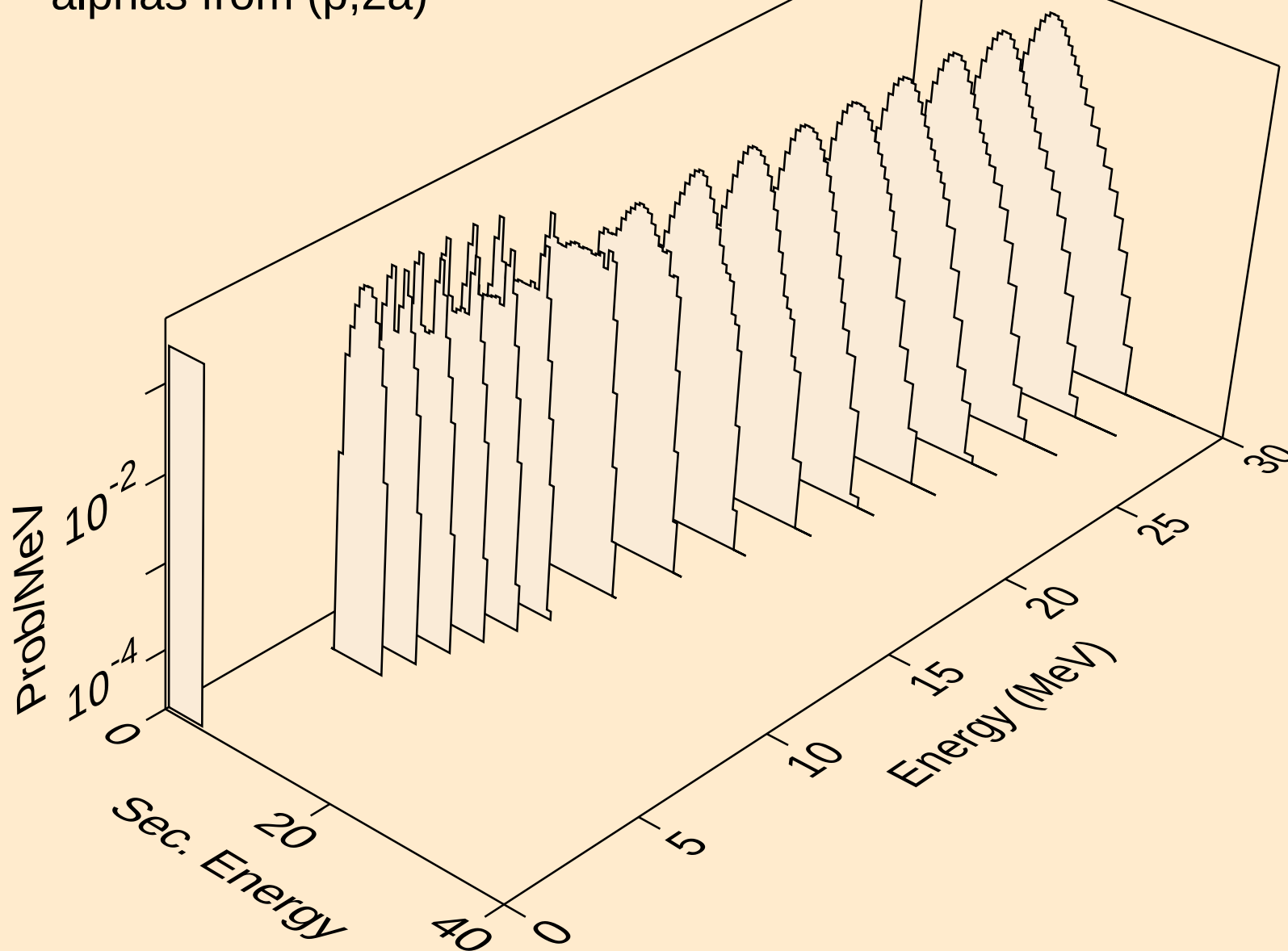
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,npa)



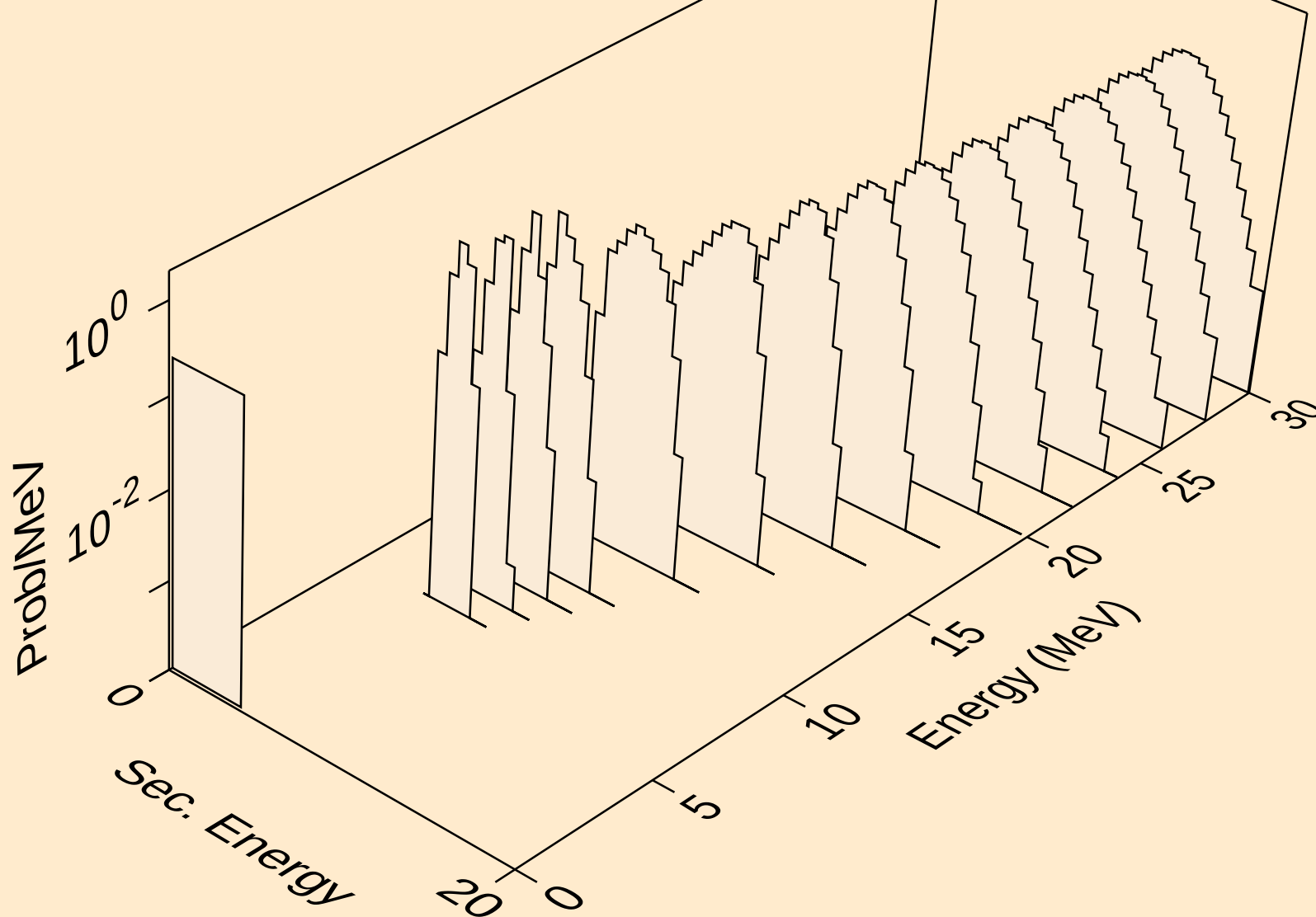
PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,a)



PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,2a)



PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,pa)



PR144M PROTON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (p,da)

